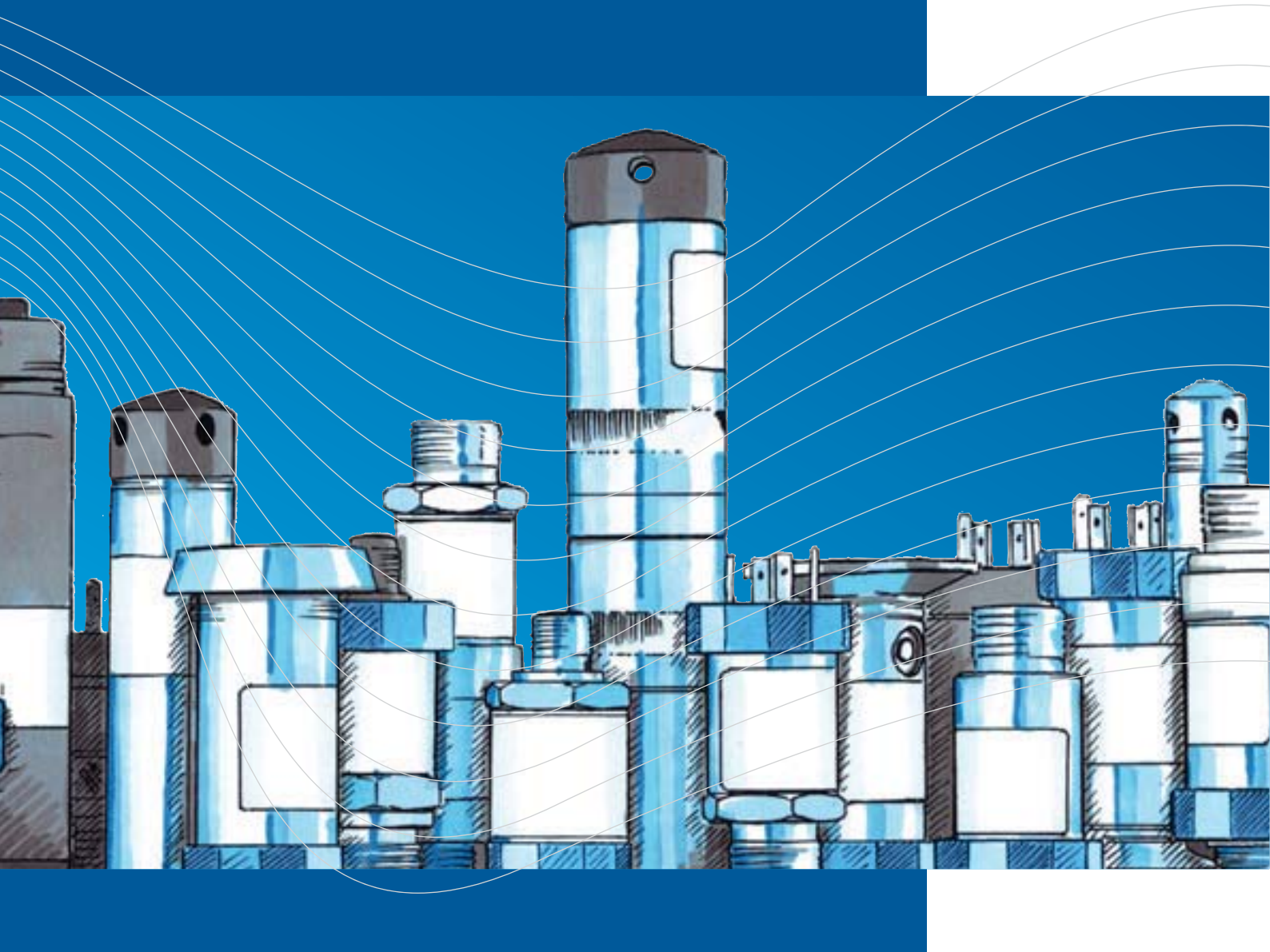


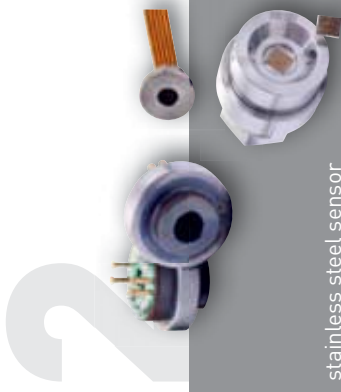
# PRODUCT OVERVIEW



The requirements on pressure and level measuring devices are various and, in addition to intelligent design solutions, require most of all appropriate sensor technology.



stainless steel silicon sensor



stainless steel sensor

BDSENSORS is one of the few companies worldwide using four elements of modern pressure measurement, offering sensors produced by BDSENSORS itself or by partner companies with BDSENSORS know-how.



thickfilm ceramic sensor



capacitive ceramic sensor

#### type DSP 210 without media isolation ( $\varnothing = 18$ mm)

pressure ranges: 0 ... 20 mbar to 0 ... 7 bar

application: gases, compressed air, liquids and non-aggressive media

#### type DSP 410 / DSP 411 ( $\varnothing = 18$ mm) with stainless steel diaphragm

pressure ranges: 0 ... 100 mbar to 0 ... 40 bar

application: gaseous and liquid media compatible with stainless steel

#### type DSP 413 / DSP 415 ( $\varnothing = 15$ mm) with stainless steel diaphragm

pressure ranges: 0 ... 400 mbar to 0 ... 600 bar

application: for submersible probes  $\varnothing = 17$  mm as well as for pressure transmitters with G 1/2" flush and hydraulic applications

#### type microfused

pressure ranges: 0 ... 3.5 bar to 0 ... 700 bar

application: hydraulic and oxygen applications

#### type thinfilm-sensor

pressure ranges: 0 ... 60 bar to 0 ... 2200 bar

application: hydraulic applications

#### type strain gauge

pressure ranges: 0 ... 1000 bar to 0 ... 6000 bar

application: hydraulic applications, high dynamic pressure

#### type DSK 511 with flush diaphragm ( $\varnothing = 18$ mm)

pressure ranges: 0 ... 0.5 bar to 0 ... 600 bar

application: for aggressive media and oxygen; with flush diaphragm preferred for highly viscous or contaminated media

#### type DSK 516 with flush diaphragm ( $\varnothing = 15$ mm)

pressure ranges: 0 ... 0.5 bar to 0 ... 50 bar

application: for submersible probes  $\varnothing 17$  mm and pressure transmitter with G 1/2" flush

#### type DSK 611 in monolithic design ( $\varnothing = 18$ mm)

pressure ranges: 0 ... 2 bar to 0 ... 400 bar

application: OEM products with excellent price / performance ratio

#### type DSK 701 ( $\varnothing = 32.4$ mm)

pressure ranges: 0 ... 60 mbar to 0 ... 20 bar

#### type DSK 720 M ( $\varnothing = 18$ mm)

pressure ranges: 0 ... 100 mbar to 0 ... 50 bar

application: preferred for hydrostatic level measurement as screw-in transmitter or submersible probes, a.o. for aggressive media (acids, lyes, etc.)

# PRESSURE AT THE HIGHEST LEVEL

„Successful medium-sized companies are not successful because they are active in many areas, but rather because they concentrate on one area and do it better than anyone else“

This is our philosophy. That's why BDSENSORS has concentrated on electronic pressure measurement technology from the beginning.

With our unremitting product and quality strategy we have been successful in becoming a major player on the world market for electronic pressure sensing devices within a few years.

With 260 employees at 4 locations in Germany, the Czech Republic, Russia and China BDSENSORS has solutions from 0.1 mbar to 6000 bar:

- pressure sensors, pressure transducers  
pressure transmitters
- electronic pressure switches
- pressure measuring devices with display and  
switching outputs
- hydrostatic level probes

Two pressure transmitters and a submersible probe, based on a stainless steel silicon sensor were the beginning. Today the range extends to more than 70 standard products, from economical OEM devices to high-end products with HART® communication or field bus interface.

In addition we have developed hundreds of customer-specific applications, underlining the competence and flexibility of BDSENSORS. The excellent price/performance ratio of our products is proof of the fact that we are able to meet the toughest demand: Being a problem-solver for our customers.

For large production batches as well as for small production numbers, no matter for what medium or external factors, with almost any mechanical or electrical connection - we solve your problem

**flexibly, quickly and cost-efficiently.**

INDEX

<b>PRESSURE</b>	<b>6-19</b>
<b>LEVEL</b>	<b>20-27</b>
<b>SWITCH</b>	<b>28-33</b>
<b>EVALUATION</b>	<b>34-39</b>
SPECIAL VERSIONS	40
NEW PRODUCTS	41
APPLICATIONS	42-43
4 ARGUMENTS	44



For vacuum, overpressure and absolute pressure measurement  
 Pressure ranges: 0 ... 10 mbar to 0 ... 6000 bar

Based on different sensor technologies, combined with housing materials as stainless steel and various plastics, the industrial pressure transmitter are suitable for almost all industrial gases and fluids.

Our industrial pressure transmitter may be adapted to nearly any application due to a variety of electrical and mechanical connections.





## PRECISION

### stainless steel sensor

process, oil and gas industry

XMP i

nominal pressure	0 ... 400 mbar to 0 ... 600 bar (turn-down 1:10 adjustable)
accuracy (according to IEC 60770)	0.1 % FSO
process connection	inch and NPT threads, DRD, flange
housing	two chamber aluminium die cast case stainless steel field housing
option	display and operating module cooling element up to 300 °C, flameproof enclosure
application	 





HART®

### ceramic sensor

process, oil and gas industry

XMP ci

nominal pressure	0 ... 60 mbar to 0 ... 20 bar (turn-down 1:10 adjustable)
accuracy (according to IEC 60770)	0.2 % FSO
process connection	inch and NPT-threads, DRD, flange
housing	two chamber aluminium die cast case stainless steel field housing
option	display and operating module flameproof enclosure
characteristics	diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub>
application	 



HART®

## APPLICATIONS

- hydraulics
- pneumatics
- process monitoring and process engineering
- control systems
- tool construction / presses / injection moulding machines
- power supply and distribution

## PRESSURE

PRESSURE TRANSMITTER

7 - 15

DIFFERENTIAL PRESSURE TRANSMITTER

16 - 17

DIGITAL PRESSURE GAUGE


18 - 19





## PRECISION

**stainless steel sensor** **xlact i**

hygienic applications




**hygienic design** **HART®**



nominal pressure 0 ... 400 mbar to 0 ... 40 bar (turn-down 1:10 adjustable)  
 accuracy (according to IEC 60770) 0,1 % FSO  
 process connection G1" cone, clamp, dairy pipe, Varivent®, DRD, flange  
 characteristics hygienic version, display and operating module cooling element up to 300 °C  
 option IS-version   
 application 

**ceramic sensor** **xlact ci**

hygienic applications






**hygienic design** **HART®**

nominal pressure 0 ... 60 mbar to 0 ... 20 bar (turn-down 1:10 adjustable)  
 accuracy (according to IEC 60770) 0,2 % FSO  
 process connection G1 1/2" flush, clamp, dairy pipe, Varivent®, flange, DRD  
 characteristics hygienic version, display and operating module, diaphragm 99.9 % Al<sub>2</sub>O<sub>3</sub>  
 option IS-version   
 application 

**stainless steel sensor** **DMP 331 i** **DMP 333 i**

laboratory, environmental industry







nominal pressure 0 ... 400 mbar to 0 ... 40 bar (DMP 331 i)  
 0 ... 60 bar to 0 ... 600 bar (DMP 333 i)  
 accuracy (according to IEC 60770) 0,1 % FSO  
 characteristics digital electronics for linearisation and active temperature compensation (temperature error: 0,02% / 10 K), with communication interface for offset and span adjustment  
 option IS-version, digital communication interface   
 application 

## INDUSTRY

**stainless steel sensor without media isolation** **DMP 343**

HVAC



nominal pressure 0 ... 10 mbar to 0 ... 1000 mbar  
 accuracy (according to IEC 60770) 0,35% FSO  
 option IS-version, compact field housing   
 application   
**extreme low pressure** **SIL** 

**stainless steel sensor** **DMP 331** **DMP 333**

universal applications





nominal pressure 0 ... 100 mbar to 0 ... 40 bar (DMP 331)  
 0 ... 60 bar to 0 ... 600 bar (DMP 333)  
 accuracy (according to IEC 60770) 0,1 / 0,25 / 0,35 % FSO  
 option IS-version, compact field housing, flush pressure port (DMP 331)   
 application   
**SIL** 

**stainless steel sensor** **DMP 339**





hydraulics





nominal pressure 0 ... 60 bar to 0 ... 600 bar  
 accuracy (each IEC 60770) 0,35 % FSO  
 characteristics G1/4" flush (Ø 8 mm)  
 option IS-version   
 application   
**flush** 

## INDUSTRY



**stainless steel sensor, welded** **DMP 335** **medical technology, hydraulics**


nominal pressure 0 ... 6 bar to 0 ... 600 bar  
 accuracy 0.5 % FSO  
 characteristics suitable for oxygen application, resistant against pressure peaks  
 option IS-version  
 application    


**high overpressure capability** 






**stainless steel sensor, welded** **DMP 334** **plant and mechanical engineering**


nominal pressure 0 ... 600 bar to 0 ... 2200 bar  
 accuracy 0.5 % FSO  
 option IS-version, compact field housing, adjustability of span and offset  
 application  


**high pressure** 



**strain gauge** **DMP 304** **oil and gas industry**





nominal pressure 0 ... 2000 bar to 0 ... 6000 bar  
 accuracy 0.25 / 0.5 % FSO  
 characteristics adjustability of offset and span via external potentiometers pressure port 9/16 UNF  
 option IS-version  
 application   


**ultra high pressure** 




## INDUSTRY





**ceramic sensor** **DMK 331** **universal applications**


nominal pressure 0 ... 400 mbar to 0 ... 600 bar  
 accuracy 0.5 % FSO  
 option IS-version, compact field housing, pressure port PVDF, oxygen application, pressure port G 1/2" flush  
 application    


**aggressive media** 





**ceramic sensor** **DMK 351** **laboratory techniques, biogas plants**





nominal pressure 0 ... 40 mbar to 0 ... 20 bar  
 accuracy 0.25 / 0.35 % FSO  
 option IS-version, compact field housing, diaphragm 99.9 % Al<sub>2</sub>O<sub>3</sub>  
 application    


**high overpressure capability** 



**ceramic sensor** **DMK 457** **marine / shipbuilding / offshore**

nominal pressure 0 ... 400 mbar to 0 ... 600 bar  
 accuracy 0.5 % FSO  
 option IS-version, compact field housing, submersible version, pressure port CUNIFE  
 recommended for application  viscous, pasty and polluted media 




   



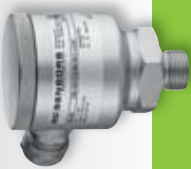


## INDUSTRY

<b>stainless steel sensor</b>	marine / shipbuilding / offshore	<b>DMP 457</b>
nominal pressure accuracy (according to IEC 60770)	0 ... 100 mbar to 0 ... 600 bar 0.25 / 0.35 % FSO	
option	IS-version, compact field housing, flush pressure port G 1/2", submersible version	
recommended for	low and high pressure measurement of gases, fluids and media which are compatible with stainless steel and silicon oil	
application		




## INDUSTRY

<b>stainless steel</b>	hygienic applications	<b>DMP 331 P</b>
nominal pressure accuracy (according to IEC 60770)	0 ... 100 mbar to 0 ... 40 bar 0.25 / 0.35 % FSO	
process connection	G 1/2", G 3/4", G 1" flush, dairy pipe, clamp	
option	IS-version, compact field housing, FDA conforming filling fluid, cooling element up to 300 °C	
application		<b>flush</b>




## ceramic sensor

<b>ceramic sensor</b>	marine / shipbuilding / offshore	<b>DMK 456</b>
nominal pressure accuracy (according to IEC 60770)	0 ... 40 mbar to 0 ... 20 bar 0.25 / 0.35 % FSO	
special feature	IS-version (temperature class T6), stainless steel field housing	
option	diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> thread or flange version	
application		<b>robust housing</b>




## ceramic sensor

<b>ceramic sensor</b>	hygienic applications	<b>DMK 331 P</b>
nominal pressure accuracy (according to IEC 60770)	0 ... 60 bar to 0 ... 400 bar 0.5 % FSO	
process connection	G 1/2" / G 3/4" / G 1" flush	
option	compact field housing, FDA conforming filling fluid, cooling element up to 300 °C	
application		<b>flush</b>

## ceramic sensor

<b>ceramic sensor</b>	marine / shipbuilding / offshore	<b>DMK 458</b>
nominal pressure accuracy (according to IEC 60770)	0 ... 40 mbar to 0 ... 20 bar 0.1 / 0.25 % FSO	
special feature	stainless steel field housing	
option	IS-version (temperature class T4), diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> , pressure port of CuNiFe	
application		<b>high overpressure capability</b>

## ceramic sensor

<b>ceramic sensor</b>	hygienic applications	<b>DMK 351 P</b>
nominal pressure accuracy (according to IEC 60770)	0 ... 40 mbar to 0 ... 20 bar 0.25 / 0.35 % FSO	
process connection	G 1 1/2" flush, clamp, dairy pipe, Varivent® flange	
option	IS-version, compact field housing, diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub>	
application		<b>high overpressure capability</b>

## OEM

## stainless steel sensor, welded

mobile hydraulics

17.600 G

nominal pressure 0 ... 6 bar to 0 ... 600 bar  
 accuracy 0.5 % FSO  
 (according to IEC 60770)  
 output signal 4 ... 20 mA / 2-wire  
 0 ... 10 V / 3-wire  
 0.5 ... 4.5 V / 3-wire rat.

pressure port G 1/4", 1/4" NPT, G 1/2"



heavy duty



## OEM

## stainless steel sensor

general industrial application

18.605 G

nominal pressure 0 ... 1 mH<sub>2</sub>O to 0 ... 10 mH<sub>2</sub>O  
 accuracy 0.5 % FSO  
 (according to IEC 60770)  
 output signal 4 ... 20 mA / 2-wire  
 0 ... 10 V / 2-wire  
 0.5 ... 4.5 V / 3-wire rat.

pressure port G 1/4" with PVC cable



submersible



## OEM

## stainless steel sensor without media isolation

plant and mechanical engineering

18.600 G

nominal pressure 0 ... 100 mbar to 0 ... 6 bar  
 accuracy 0.5 % FSO  
 (according to IEC 60770)  
 output signal 4 ... 20 mA / 2-wire  
 0 ... 10 V / 3-wire  
 0.5 ... 4.5 V / 3-wire rat.

pressure port G 1/4", 1/4" NPT, G 1/2"



pneumatics



## stainless steel sensor

general industrial applications

18.601 G

nominal pressure 0 ... 100 mbar to 0 ... 6 bar  
 accuracy 0.5 % FSO  
 (according to IEC 60770)  
 output signal 4 ... 20 mA / 2-wire  
 0 ... 10 V / 3-wire  
 0.5 ... 4.5 V / 3-wire rat.

pressure port G 1/4", 1/4" NPT, G 1/2"



low pressure



## ceramic sensor

universal application

26.600 G

nominal pressure 0 ... 1 bar to 0 ... 400 bar  
 accuracy 0.5 % FSO  
 (according to IEC 60770)

output signal 4 ... 20 mA / 2-wire  
 0 ... 10 V / 3-wire  
 0.5 ... 4.5 V / 3-wire rat.

pressure port G 1/4", 1/4" NPT, G 1/2"

option oil and grease free version



standard



## ceramic sensor

universal application

30.600 G

nominal pressure 0 ... 1,6 bar to 0 ... 250 bar  
 accuracy 1 % FSO  
 (according to IEC 60770)

output signal 4 ... 20 mA / 2-wire  
 0 ... 10 V / 3-wire  
 0.5 ... 4.5 V / 3-wire rat.

pressure port G 1/4", 1/4" NPT



low cost





### For differential pressure measurement

Pressure ranges: 0 ... 1 mbar to 0 ... 70 bar

Thanks to different sensor technologies combined with compact aluminium die-cast cases or plastic housings, our differential pressure transmitters may be used for numerous fluids and gases, e. g. for monitoring ventilation ducts, filters and fans in HVAC areas as well as for level measurement in closed pressurized tanks.



## PRECISION

### stainless steel sensor

nominal pressure  
accuracy  
(according to IEC 60770)

characteristics

IS-version,  
turn-down 1:10,  
aluminium die-cast case

process connection

internal thread 1/4" - 18 NPT

option  
display and operating module, flameproof enclosure,  
chemical seals assembly

application



### XMD

process, oil and gas industry



fluids + gases

HART®

## INDUSTRY

### stainless steel sensor

nominal pressure

0 ... 0.2 bar to 0 ... 16 bar

differential pressure

0 ... 20 mbar to 0 ... 16 bar

accuracy

(according to IEC 60770)

characteristics

compact design, wet / wet  
mechanically robust and reliable at dynamic  
pressure as well as with shock and vibration

application



### DMD 331

plant and mechanical engineering



fluids + gases

## INDUSTRY

### stainless steel sensor

plant and mechanical engineering

differential pressure

0 ... 80 mbar to 0 ... 70 bar

accuracy

(according to IEC 60770)

characteristics

display and pressure port rotatable,  
up to 2 contacts,  
turn-down 1:10

application



fluids + gases

### silicon sensor

plant and mechanical engineering

nominal pressure

0 ... 6 mbar to 0 ... 1000 mbar

accuracy

(according to IEC 60770)

option

display and switching module with  
up to 2 contacts

application



gases

### silicon sensor

HVAC

differential pressure

0 ... 1 mbar to 0 ... 1,000 mbar

accuracy

(according to IEC 60770)

option

5-digit LC-display

application



gases and compressed air

With a great variety of mechanical and electrical connections, BDISENSORS offers a new generation of digital pressure gauges for different applications.


Due to the two sensor technologies in use (stainless steel sensor or ceramic sensor), our digital pressure gauges are suitable for nearly all fluids, pasty media and gases.

The display module is rotatable, so that a clear readability is guaranteed even in unusual installation positions.



## PRECISION

### stainless steel sensor

nominal pressure	0 ... 100 mbar to 0 ... 400 bar
accuracy (according to IEC 60770)	0.05 % FSO BFSL
characteristics	stainless steel housing $\varnothing = 100$ mm, data logger function, modular sensor concept
LC- display	graphic LC-display 128 x 64 pixel with background illumination
pressure port option	inch, NPT threads IS-version, digital output, RS 485 / USB-interface
application	

### test and calibration equipment

#### DM 01



### modular concept



## INDUSTRY

### stainless steel sensor / ceramic sensor

#### BAROLI 02

#### BAROLI 05

nominal pressure	0 ... 100 mbar to 0 ... 600 bar (BAROLI 02) 0 ... 400 mbar to 0 ... 600 bar (BAROLI 05)
accuracy (according to IEC 60770)	0.125 % FSO BFSL (BAROLI 02) 0.25 % FSO BFSL (BAROLI 05)
LC- display	4.5-digit 7-segment display, 6-digit 14-segment additional display

process connection	inch, NPT threads
application	

housing and display rotatable



### stainless steel sensor / ceramic sensor

#### BAROLI 02 P

#### BAROLI 05 P

nominal pressure	0 ... 100 mbar to 0 ... 40 bar (BAROLI 02 P) 0 ... 60 bar to 0 ... 400 bar (BAROLI 05 P)
accuracy (according to IEC 60770)	0.2 % FSO BFSL (BAROLI 02 P) 0.25 % FSO BFSL (BAROLI 05 P)
LC-display	4.5-digit 7-segment display, 6-digit 14-segment additional display

process connection	G 1/2" flush, G 1" flush, dairy pipe, clamp
application	

flush




## OEM

### ceramic sensor

#### plant and mechanical engineering

#### DM 10

nominal pressure	0 ... 1.6 bar to 0 ... 250 bar
accuracy (according to IEC 60770)	0.5 % FSO BFSL
characteristic	adjustable housing
LC-display	4.5-digit 7-segment display
pressure port function	G 1/4", 1/2" NPT min-/max-function with reset-function
application	

low-cost





The hydrostatic level probes made by BDISENSORS are suitable for measuring the level of liquid and pasty media of all kind.

The separable submersible probes LMP 308 / LMP 808 / LMK 358 / LMK 858 are a speciality, the cable part can be separated from the sensor head effortlessly and without tools. This is an enormous advantage for many of our customers during assembly as well as when performing service and maintenance.

Special versions, such as integrated overvoltage protection, temperature sensor or data logger are just as much a part of our standard program as the communication version with RS-485 interface or HART®-protocol.

## PRECISION

### stainless steel sensor

level	0 ... 4 mH <sub>2</sub> O to 0 ... 250 mH <sub>2</sub> O
housing material	stainless steel 1.4404 (316 L)
accuracy (according to IEC 60770)	0.1% FSO
special feature	cable part and sensor head separable
option	IS-version, cable protection via corrugated pipe
recommended for	 

### LMK 308 i

energy industry, environmental industry






separable stainless  
steel probe

ø 35 mm



### ceramic sensor

level	0 ... 60 cmH <sub>2</sub> O to 0 ... 100 mH <sub>2</sub> O
housing material	stainless steel 1.4404 (316 L)
accuracy (according to IEC 60770)	0.1 / 0.2 % FSO
special feature	HART® communication
option	IS-version, cable protection via corrugated pipe, diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub>
recommended for	  

### LMK 358 H

environmental industry



separable stainless  
steel probe

ø 39,5 mm



## APPLICATIONS

- ground water monitoring
- depth and level measurement in wells
- drinking water systems
- level monitoring in open and closed tanks
- storm water systems
- pump and booster stations
- water treatment plants
- tank farms / fuel storage
- recycling of process water

# LEVEL

HYDROSTATIC LEVEL PROBES





SCREW-IN TRANSMITTERS





21 - 26

27





## PRECISION





ceramic sensor		chemical industry, environmental industry	<b>LMK 382 H</b>
level	0 ... 60 cmH <sub>2</sub> O to 0 ... 100 mmH <sub>2</sub> O		 <p><b>stainless steel probe</b></p> <p><b>ø 39.5 mm</b></p> <p><b>HART®</b></p>
housing material	stainless steel 1.4404 (316 L)		
accuracy (according to IEC 60770)	0.1 / 0.2 % FSO		
special feature	HART® communication		
option	IS-version, flange version, diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub>		
recommended for	  		





ceramic sensor		marine / shipbuilding / offshore	<b>LMK 458 H</b>
level	0 ... 60 cmH <sub>2</sub> O to 0 ... 200 mmH <sub>2</sub> O		 <p><b>stainless steel probe</b></p> <p><b>ø 39.5 mm</b></p> <p><b>HART®</b></p>
housing material	stainless steel 1.4404 (316 L), CuNiFe		
accuracy (according to IEC 60770)	0.1 / 0.2 % FSO		
special feature	HART® communication		
option	IS-version; diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> screw-in or flange version		
recommended for	  		





## STANDARD

stainless steel sensor		energy industry, environmental industry	<b>LMP 305</b>
level	0 ... 1 mH <sub>2</sub> O to 0 ... 250 mmH <sub>2</sub> O		 <p><b>stainless steel probe</b></p> <p><b>ø 19 mm</b></p>
housing material	stainless steel 1.4404 (316 L)		
accuracy (according to IEC 60770)	0.25 / 0.35 % FSO		
special feature	suitable for level measurement in 1" pipes		
recommended for			



## STANDARD

stainless steel sensor		energy industry, environmental industry	<b>LMP 307</b>
level	0 ... 1 mH <sub>2</sub> O to 0 ... 250 mmH <sub>2</sub> O		 <p><b>stainless steel probe</b></p> <p><b>ø 27 mm</b></p> <p><b>SIL</b></p>
housing material	stainless steel 1.4404 (316 L)		
accuracy (according to IEC 60770)	0.1 / 0.25 / 0.35 % FSO		
option	IS-version, cable protection via corrugated pipe		
recommended for	  		





stainless steel sensor		energy industry, environmental industry	<b>LMP 308</b>
level	0 ... 1 mH <sub>2</sub> O to 0 ... 250 mmH <sub>2</sub> O		 <p><b>separable stainless steel probe</b></p> <p><b>ø 35 mm</b></p> <p><b>SIL</b></p>
housing material	stainless steel 1.4404 (316 L)		
accuracy (according to IEC 60770)	0.1 / 0.25 / 0.35 % FSO		
option	IS-version, cable protection via corrugated pipe		
special feature	cable part and sensor head separable		
recommended for	  		

stainless steel sensor		energy industry, environmental industry	<b>LMP 808</b>
level	0 ... 1 mH <sub>2</sub> O to 0 ... 100 mmH <sub>2</sub> O		 <p><b>separable plastic probe</b></p> <p><b>ø 35 mm</b></p> <p><b>SIL</b></p>
housing material	PVC grey		
accuracy (according to IEC 60770)	0.25 / 0.35 % FSO		
option	cable protection via PVC-pipe		
special feature	cable part and sensor head separable		
recommended for	  		






## STANDARD

<b>ceramic sensor</b>	energy industry, environmental industry	<b>LMK 306</b>
level	0 ... 6 mH <sub>2</sub> O to 0 ... 200 mH <sub>2</sub> O	
housing material	stainless steel 1.4404 (316 L)	
accuracy	0.5 % FSO	<b>ø 17 mm</b> stainless steel probe
special feature	for level measurement in ¾" pipes	
recommended for		




## STANDARD

<b>ceramic sensor</b>	energy industry, environmental industry	<b>LMK 382</b>
level	0 ... 40 cmH <sub>2</sub> O to 0 ... 100 mH <sub>2</sub> O	
housing material	stainless steel 1.4404 (316 L)	
accuracy	0.25 / 0.35 % FSO	<b>ø 39.5 mm</b> stainless steel probe
option	IS-version, flange version, diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> , mounting with stainless steel pipe	
recommended for	  	





## ceramic sensor

<b>ceramic sensor</b>	energy industry, environmental industry	<b>LMK 307</b>
level	0 ... 4 mH <sub>2</sub> O to 0 ... 250 mH <sub>2</sub> O	
housing material	stainless steel 1.4404 (316 L)	
accuracy	0.5 % FSO	<b>ø 27 mm</b> stainless steel probe SIL 
option	IS-version	
recommended for	  	










## ceramic sensor

<b>ceramic sensor</b>	energy industry, environmental industry	<b>LMK 387</b>
level	0 ... 1 mH <sub>2</sub> O to 0 ... 200 mH <sub>2</sub> O	
housing material	stainless steel 1.4404 (316 L)	
accuracy	0.25 / 0.35 % FSO	<b>ø 22 mm</b> stainless steel probe
option	IS-version, mounting with stainless steel pipe	
recommended for	 	




## ceramic sensor




<b>ceramic sensor</b>	energy industry, environmental industry	<b>LMK 358</b>
level	0 ... 40 cm H <sub>2</sub> O to 0 ... 100 mH <sub>2</sub> O	
housing material	stainless steel 1.4404 (316 L)	
accuracy	0.25 / 0.35 % FSO	<b>ø 39.5 mm</b> separable stainless steel probe
special feature	cable protection via corrugated pipe, cable part and sensor head separable	
option	IS-version, diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub>	
recommended for	  	




## ceramic sensor




<b>ceramic sensor</b>	marine / shipbuilding / offshore	<b>LMK 458</b>
level	0 ... 40 cmH <sub>2</sub> O to 0 ... 200 mH <sub>2</sub> O	
housing material	stainless steel 1.4404 (316 L), CuNiFe	
accuracy	0.1 / 0.25 % FSO	<b>ø 39.5 mm</b>     
special feature	permissible temperature up to 125 °C, chemical resistance against seawater and HFO	
option	IS-version; diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> ; screw-in and flange version	
recommended for	  	




## STANDARD




<b>ceramic sensor</b>	chemical industry, environmental industry	<b>LMK 807</b>
level	0 ... 4 mH <sub>2</sub> O to 0 ... 100 mH <sub>2</sub> O	 <p><b>plastic probe</b></p> <p><b>∅ 35 mm</b></p> <p><b>SIL</b></p>
housing material	PVC grey	
accuracy (according to IEC 60770)	0.5 % FSO	
option	FKM, EPDM, FFKM seals	
recommended for	 	

<b>ceramic sensor</b>	chemical industry, environmental industry	<b>LMK 809</b>
level	0 ... 0.4 mH <sub>2</sub> O to 0 ... 100 mH <sub>2</sub> O	 <p><b>plastic probe</b></p> <p><b>∅ 45 mm</b></p>
housing material	PP or PVDF	
accuracy (according to IEC 60770)	0.25 / 0.35 % FSO	
special feature	diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> , chemical resistance	
option	prepared for mounting with pipe extension	
recommended for	 	

<b>ceramic sensor</b>	chemical industry, environmental industry	<b>LMK 858</b>
level	0 ... 0.4 mH <sub>2</sub> O to 0 ... 100 mH <sub>2</sub> O	 <p><b>separable plastic probe</b></p> <p><b>∅ 45 mm</b></p>
housing material	PVC grey	
accuracy (according to IEC 60770)	0.25 / 0.35 % FSO	
special feature	cable part and sensor head separable	
option	cable protection via PVC-pipe, diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> , chemical resistance	
recommended for	 	

<b>stainless steel sensor</b>	plant and mechanical engineering	<b>LMP 331</b>
nominal pressure	0 ... 100 mbar to 0 ... 40 bar	 <p><b>SIL</b></p>
level	0 ... 1 mH <sub>2</sub> O to 0 ... 400 mH <sub>2</sub> O	
accuracy (according to IEC 60770)	0.1 / 0.25 / 0.35 % FSO	
pressure port	G 3/4" flush	
option	IS-version, compact field housing	
recommended for	 	

<b>ceramic sensor</b>	plant and mechanical engineering	<b>LMK 331</b>
nominal pressure	0 ... 400 mbar to 0 ... 60 bar	 <p><b>aggressive media</b></p> <p><b>SIL</b></p>
level	0 ... 4 mH <sub>2</sub> O to 0 ... 600 mH <sub>2</sub> O	
accuracy (according to IEC 60770)	0.5 % FSO	
pressure port	G 3/4" flush for pasty and contaminated media	
option	IS-version, pressure port PVDF, compact field housing	
recommended for	 	

<b>ceramic sensor</b>	environmental industry, renewable energy	<b>LMK 351</b>
nominal pressure	0 ... 40 mbar to 0 ... 20 bar	 <p><b>aggressive media</b></p> <p><b>SIL</b></p>
level	0 ... 0.4 mH <sub>2</sub> O to 0 ... 200 mH <sub>2</sub> O	
accuracy (according to IEC 60770)	0.25 / 0.35 % FSO	
pressure port	G 1 1/2" flush	
option	IS-version, pressure port PVDF or stainless steel diaphragm 99.9 % Al <sub>2</sub> O <sub>3</sub> , compact field housing	
recommended for	 	

with display



## SWITCH

PRESSURE SWITCH WITH DISPLAY

29 - 32

PRESSURE SWITCH WITHOUT DISPLAY

33

### APPLICATIONS

- mobile hydraulics
- dry running protection
- flow monitoring
- grease monitoring
- gas compressors
- test and construction engineering

Due to the simple handling as well as the variety of software features (switching points and hysteresis freely configurable, delay function, min/max-value data storage, display and analogue output signal scalable, etc.) the DS 200 / DS 400 series is especially suitable as an intelligent pressure switch for general plant and machine construction and the processing industry.

#### output signal:

2-wire (4 ... 20 mA) or 3-wire (0 ... 10 V),  
up to 4 contacts




#### electrical connection:

various plugs  
(e.g. DIN or circular plug) or cable outlet

Depending on the requirements, the universal pressure measuring devices with display and switching contacts can be used as:

- pressure transmitter
- electronic pressure switch
- digital pressure gauge

### stainless steel sensor

nominal pressure	0 ... 100 mbar to 0 ... 600 bar
accuracy (according to IEC 60770)	0.25 / 0.35 % FS0
characteristics	up to 2 contacts, 4-digit LED-display in ball housing, rotatable and configurable display module
pressure port	inch and NPT threads
option	IS-version
application	  




universal applications

DS 400



robust version

### ceramic sensor

nominal pressure	0 ... 400 mbar to 0 ... 600 bar
accuracy (according to IEC 60770)	0.5 % FS0
characteristics	up to 2 contacts, 4-digit LED-display in ball housing, rotatable and configurable display module
pressure port	inch and NPT threads
option	IS-version, pressure port PVDF
application	  


universal applications





DS 401




robust version





**stainless steel sensor** **DS 200**

universal applications 

nominal pressure 0 ... 100 mbar to 0 ... 600 bar  
 accuracy 0.25 / 0.35 % FSO (according to IEC 60770)  
 characteristics up to 4 contacts, 4-digit LED-display, rotatable and configurable display module  
 pressure port inch and NPT threads  
 option IS-version     
 application 


**stainless steel sensor without media isolation** **DS 210**




HVAC 

nominal pressure 0 ... 10 mbar to 0 ... 1000 mbar  
 accuracy 0.35 % FSO (according to IEC 60770)  
 characteristics up to 4 contacts, 4-digit LED-display, rotatable and configurable display module  
 pressure port inch and NPT threads  
 option IS-version     
 application 


**low pressure**



**ceramic sensor** **DS 201**

universal applications 


nominal pressure 0 ... 400 mbar to 0 ... 600 bar  
 accuracy 0.5 % FSO (according to IEC 60770)  
 characteristics up to 4 contacts, 4-digit LED-display, rotatable and configurable display module  
 pressure port inch and NPT threads  
 option IS-version    
 application 






**stainless steel sensor, welded** **DS 217**

hydraulics, oxygen application 


nominal pressure 0 ... 6 bar to 0 ... 600 bar  
 accuracy 0.5 % FSO (according to IEC 60770)  
 characteristics up to 2 contacts, 4-digit LED-display, rotatable and configurable display module  
 pressure port G 1/2", G 3/4", 1/4" NPT    
 application **OEM**




**stainless steel sensor, welded** **DS 202**

medical technology, oxygen application 

nominal pressure 0 ... 6 bar to 0 ... 600 bar  
 accuracy 0.5 % FSO (according to IEC 60770)  
 characteristics up to 4 contacts, 4-digit LED-display, rotatable and configurable display module, oxygen version  
 pressure port inch and NPT threads  
 option IS-version      
 application **high overpressure capability** 

**ceramic sensor** **DS 230**

pneumatics, hydraulics 


nominal pressure 0 ... 2 bar to 0 ... 400 bar  
 accuracy 1.5 % FSO (according to IEC 60770)  
 characteristics up to 2 contacts, 4-digit LED-display, rotatable and configurable display module  
 pressure port G 1/4", 1/4" NPT     
 application **OEM**







with display

**stainless steel sensor** **DS 200 P**

hygienic applications






nominal pressure 0 ... 100 mbar to 0 ... 40 bar  
 accuracy 0.25 / 0.35 % FSO  
 (according to IEC 60770)  
 characteristics up to 4 contacts,  
 4-digit LED-display,  
 rotatable and configurable display module  
 pressure port inch thread (ftush), dairy pipe, clamp  
 option cooling element up to 300 °C  
 application   




**ceramic sensor** **DS 201 P**

hygienic applications







nominal pressure 0 ... 60 bar to 0 ... 400 bar  
 accuracy 0.5% FSO  
 (according to IEC 60770)  
 characteristics up to 4 contacts,  
 4-digit LED-display,  
 rotatable and configurable display module  
 pressure port inch thread (ftush)  
 option cooling element up to 300 °C  
 application  


**high pressure** 

**stainless steel sensor** **DS 400 P**

hygienic applications



nominal pressure 0 ... 100 mbar to 0 ... 40 bar  
 accuracy 0.25 / 0.35 % FSO  
 (according to IEC 60770)  
 characteristics up to 2 contacts,  
 4-digit LED-display,  
 rotatable and configurable display module  
 pressure port inch thread (ftush), dairy pipe, clamp  
 option IS-version,  
 cooling element up to 300 °C  
 application   

**hygienic design** 

without display


The pressure switches DS 4 and DS 6 were designed also for OEMs (original equipment manufacturers). These electronic pressure switches are used in hydraulic and pneumatic applications for monitoring and controlling the pressure via switching outputs.


The 1 or 2 freely programmable contacts whose status is indicated by differently coloured LED's can be configured quickly and comfortably either by the optionally available tools P-Set (PC software and programming adapter) or via the programming device P6.



**silicon sensor** **DS 4**

pneumatics






nominal pressure 0 ... 1 bar up to 0 ... 10 bar  
 contacts 1 or 2  
 pressure port G 1/8" internal thread,  
 M5 internal thread  
 characteristics configurable via PC or programming device  
 application  

**compact version**

**ceramic sensor** **DS 6**

hydraulics



nominal pressure 0 ... 2 bar to 0 ... 400 bar  
 contacts 1 or 2  
 pressure port G 1/4"  
 option oil and grease free,  
 oxygen version  
 characteristics configurable via PC or programming device  
 application   

**high pressure**

In order to correctly interpret analogue signals, display and evaluation devices are indispensable. Besides the classic version with display and analogue outputs (PA 430, ASM 430), BDISENSORS offers with the process displays of CIT-series an evaluation device that can be combined with our pressure measuring devices and hydrostatic submersible probes and is furthermore also suitable for acquiring for example temperature and potentiometer signals.

The multifunctional process transmitter CIT 400 has been exclusively developed for supplying 2- and 3-wire sensors with current signal and for acquiring measuring results. Two different types of housing and a combination of independent limit contacts and a freely configurable analogue output are available. We are therefore able to offer you solutions for nearly every measurement task.



## EVALUATION

DISPLAYS

DATA LOGGER

35 - 37

38

### APPLICATIONS

- in situ display for pressure, temperature and level
- in situ display at pumping stations
- display panel for silo battery
- combined level and temperature measurement in heated container
- pressure regulation of hydraulic circuits
- filter monitoring
- pressure and level measurement in biogas plants
- pressure regulation / monitoring of test stands

### plug-on display, self powered

display	4-digit LED display, display and housing rotatable
signal input	4 ... 20 mA / 2-wire 0 ... 10 V / 3-wire
characteristics	adjustable housing
option	IS-version, up to 2 freely configurable contacts
dimensions	47 x 47 x 68 mm (W x H x D)

PA 430



with contacts

### field display

display	4-digit LC-display
signal input	4 ... 20 mA / 2-wire 0 ... 10 V / 3-wire
option	IS-version up to 2 freely configurable contacts
dimensions	plastic housing 120 x 80 x 57 mm (W x H x D) aluminium housing 125 x 80 x 57 mm (W x H x D)


PA 440



with contacts

**process display**

**CIT 200**




display 4-digit LED display  
signal input 0/4 ... 20 mA, 1 ... 5 V  
option 0/2 ... 10 V  
signal input PT 100 / PT 500 / PT 1000  
remote control  
front panel housing  
72 x 36 x 77 (95) mm (W x H x D)

**with contacts**

**process display**

**CIT 350**




display 4-digit LED display,  
multicolour 20 segment bargraph  
signal output 0/4 ... 20 mA / 0/1 ... 5 V  
option 0/2 ... 10 V  
2 or 4 freely configurable contacts,  
analogue output  
front panel housing  
48 x 96 x 98 mm (W x H x D)

**with bargraph**

**process display**

**CIT 250**




display 4-digit LED display  
signal input 0/4 ... 20 mA, 1 ... 5 V  
option 0/2 ... 10 V  
signal input PT100 / PT 500 / PT 1000,  
up to 2 freely configurable contacts  
front panel housing  
72 x 36 x 95 mm (W x H x D)

**with contacts**

**process display**

**CIT 400**




display 4-digit LED display  
signal input 0/4 ... 20 mA  
option IS-version,  
up to 4 limit value relays and 1 alarm relay  
dimensions front panel housing  
72 x 72 x 110 mm (W x H x D)  
housing for hat rail and wall mounting  
70 x 75 x 110 (W x H x D)

**Ex**

**process display**

**CIT 300**




display 4-digit LED display  
signal input 0/4 ... 20 mA / 0/1 ... 5 V  
option 0/2 ... 10 V  
signal input PT 100 / PT 500 / PT 1000,  
2 or 4 freely configurable contacts,  
analogue output  
front panel housing  
96 x 48 x 98 mm (W x H x D)

**with contacts and analogue output**

**multichannel process display LCD**

**CIT 600**



display graphic LC display  
128 x 64 pixel, background illuminated  
signal input 2 / 4 / 8 channels: 0/4 ... 20 mA  
option signal input PT 100 / PT 500 / PT 1000,  
lockable door  
dimensions front panel housing  
96 x 96 x 98 mm (W x H x D)

The data logger can record up to 2 million measurement values with a maximum measuring rate of 1 Hz in internal memory (8 MB). By connecting a USB stick, the capacity can be enlarged to several GB.

The software helps the user displaying (table, graphic), saving, evaluating and exporting the recorded data as well as issuing reports and configurations.

### multichannel process display, LCD

display	graphic LC display 128 x 64 pixel, background illuminated
signal input	max. 8 channels: 0 ... 20 mA, 0 ... 10 V
option	signal input PT 100 / PT 500 / PT 1000, USB-host-port, internal memory 8 MB, lockable door
dimensions	front panel housing 96 x 96 x 100 mm (W x H x D)

### CIT 650



with data logger

### multichannel process display, TFT

display	graphic TFT-display, CIT 700: 3.5" : 320 x 240 pixel, CIT 750: 5.7" : 320 x 240 Pixel, touchscreen
characteristics	3 freely fittable slots, 16 different input / output modules, transducer supply 24 V <sub>DC</sub> , communication interfaces: RS-485 (Modbus RTU) J master / slave, USB-host-port, USB device connection
option	communication interfaces: 2 x RS-485, 1 x RS-232, 2 x USB-host-port, Ethernet 10 MB, RJ-45
dimensions	96 x 96 x 100 mm (W x H x D) CIT 700 144 x 144 x 100 mm (W x H x D) CIT 750
functional range standard	- configuration of max. 60 channels via inputs, outputs, mathematical / logical functions, controller, profiles or virtual outputs - allocation of clogged channels in 10 groups (max. 6 channels per group) - connection of channels via mathematical / logical functions - 8 integrated PD / PI / PID controller
data logger	- data logging of max. 60 channels - freely selectable measuring rate (max. 10 Hz) - extensive trigger functions - internal memory 1.5 GB

### CIT 700



with contacts and analogue outputs and data logger

### CIT 750




## SPECIAL DEVICES NEW PRODUCTS

BDSENSORS offers besides the classic analogue pressure and level transmitters also devices with digital interfaces. The basis is the interface standard RS 485, which has a high electromagnetic immunity due to the symmetric signal transmission, and which is suitable for a max. wire length of up to 1 km.





Besides these characteristics, the network capability is an important criterion, which is why the RS 485 standard is among other things the basis for the different PROFIBUS interfaces. BDSENSORS uses ModBus RTU as communication protocol.

**stainless steel sensor** **DCT 331**

universal applications




nominal pressure 0 ... 100 mbar to 0 ... 600 bar  
 accuracy 0.25 / 0.35 % FSO  
 (according to IEC 60770)  
 output signal RS 485 Modbus RTU  
 option IS-version  
 compact field housing,  
 flush pressure port

application     **SIL**




**digital**

**ceramic sensor** **DCT 387**

environmental industry



nominal pressure 0 ... 1 mH<sub>2</sub>O to 0 ... 200 mH<sub>2</sub>O  
 housing material stainless steel 1.4404 (316 L)  
 accuracy 0.25 / 0.35 % FSO  
 (according to IEC 60770)  
 characteristics digital output RS 485 Modbus RTU,  
 high overpressure capability,  
 suitable for water and sewage  
 option R 1/2" thread for stainless steel pipe mounting


application   

**digital**




**ø 22 mm**  
 available 10/2012

**strain gauge** **HU 300**

oil and gas industry




nominal pressure 0 ... 5000 psi to 0 ... 15000 psi  
 accuracy 0.5 % FSO  
 (according to IEC 60770)  
 electrical connection MIL/ Bendix connection,  
 cable outlet,  
 pressure port Glenair (on request),  
 WECC® 2" (1502)  
 WECC® 2" (2002/2202)

application   





**hammer union**

**silicon sensor** **DPS 300**

HVAC



differential pressure 0 ... 0.5 mbar to 0 ... 1000 mbar  
 accuracy 0.1 % FSO BFSL  
 (according to IEC 60770)  
 option LC display,  
 automatic zero adjustment,  
 contacts,  
 square-root extraction

application    

**multirange differential pressure transmitter**

available 12/2012

**ceramic sensor** **EP 500**

marine / shipbuilding / offshore




nominal pressure 0 ... 60 mbar to 0 ... 20 bar  
 accuracy 0.2 % FSO  
 (according to IEC 60770)  
 pressure port G 1/4", hose connection  
 characteristics with communication interface  
 for offset, span and damping adjustment

application   





**air-bubbling**

**stainless steel sensor** **DMP 331 PI**

hygienic applications



nominal pressure 0 ... 400 mbar to 0 ... 40 bar  
 accuracy 0.1 % FSO  
 (according to IEC 60770)  
 characteristics hygienic pressure connections  
 (inch thread flush, dairy pipe, clamp),  
 excellent temperature behaviour,  
 vacuum resistant  
 option communication interface  
 for offset, span and damping adjustment;  
 cooling element

application    

**precision**

available 07/2012



### heavy industry

The heavy industry sector – in particular the mining, heavy chemical, iron and steel industries – places high demands on the housing, the electronics and the sensor element. No problem for BDISENSORS, as our pressure transmitters can withstand even the roughest process conditions and are characterized by

- high mechanical stability (shock and vibration resistance)
- ATEX approval (ia = intrinsically safe version, xd = flameproof enclosure)
- dust ATEX zone 20
- SIL (construction of pressure transmitters acc. to international safety standard)



### environmental industry - water and waste water

BDISENSORS sets standards in industrial and domestic water treatment with its elaborate selection of pressure and level measurement devices. Whether drinking water, sludge or aggressive waste water is concerned – the demands on our hydrostatic submersible probes could not be more diverse.

By using specific sensor technologies and robust housing materials (PP, PVC, PVDF, stainless steel etc.) as well as seal and cable sheath materials in combination with many years of experience, we assist you in choosing the correct transmitter type for your application.



### chemical and petrochemical industry

From the production of colors and varnishes to synthetic fabrics, from the distillation to the storage in tanks – an accurate monitoring and exact dosage is essential for the safety and maximum productivity in chemical and petrochemical plants.

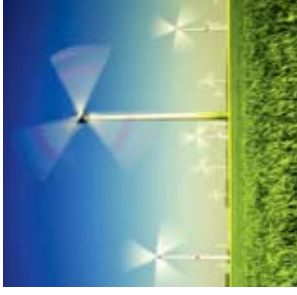
Precise measurements of our pressure and level transmitters in crucial places result in a saving of time, a higher productivity and reliability in the later production stages. We answer all your questions and provide individual solutions!



### oil and gas industry

The oil and gas industry becomes more and more important, as resources are activated, new oil and gas fields are exploited and existing plants are modified in order to cover the worldwide demand for oil and natural gas. For improving the efficiency of those plants, higher and higher requirements are placed to component suppliers. BDISENSORS offers safe electronic pressure and level measurement devices by:

- carefully selecting and using oil and seawater resistant metal alloys and cable sheath materials
- globally accepted approvals as GL, DNV, ATEX, UL etc.
- high reliability (SIL certification)
- abrasion-resistant pressure sensors
- ingress protection rates of IP 68 and higher.



### energy industry / renewable energies

A high efficiency, reliability and economic efficiency are the fundamental requests that plant construction companies have in energy management. Whether fossil fuels, wind or water power, solar or geothermal energy – system components such as pressure and level transmitters with an outstanding life expectancy and precision are of importance here.



### food and luxury food industry

Due to rising demands on the hygienic conditions in the food and luxury food sector, our pressure and level transmitters are part of a hygienic concept and have to comply with the specific process requirements such as materials, CIP/SIP capable sensors, surface roughness, adaptation and design of process connections acc. to 3A standard and EHEDG as well as elastomeric seals.

BDISENSORS offers with its pressure transmitters, pressure switches and level probes the complete equipment for measurements under alternating conditions or for cyclic cleaning and sterilization processes.



### plant and mechanical engineering

The plant and mechanical engineering sector is situated in a complex global environment. To be successful in this branch, reliability and flexibility in the measurement task (pressure ranges, accuracy, electrical and mechanical connections), on-time deliveries as well as the processing of output signals are in the center of interest.

As a reliable supplier of electronic pressure measurement devices, BDISENSORS offers complete and practical solutions for companies and measurement tasks of all kind. With our customized products, we are able to convert your challenge into an efficient process control.



### marine / shipbuilding / offshore

The electronic pressure and level transmitters such as DMK 458, DMP 457 and LMK 458 face extreme mechanical and climatic conditions on board of ships, harbor terminals, wind power stations, drilling rigs etc. BDISENSORS offers with its wide product range solutions for requirements such as:

- resistance against seawater
- vibration resistance and long-term stability
- high safety aspect also in hazardous areas as well as an overcharging protection for chemicals and LPG
- stability at extreme temperature changes
- highest accuracy on draught measurement
- marine approvals such as GL (Germanischer Lloyd) and DNV (Det Norske Veritas).

## COMPETENCE

Industrial pressure measurement technology from 0.1 mbar up to 6000 bar

- pressure transmitters, electronic pressure switches or hydrostatic level probes
- OEM or high-end products
- standard products or customized solutions

BDSENSORS has the right pressure measuring device at the right price.

## PRICE / PERFORMANCE

pressure measurement at the highest level

The concentration on electronic pressure transmitter has led to extraordinary efficiency and economical pricing.

BDSENSORS is certain to be one of the most economical suppliers on the world market, given equal technical and commercial conditions.

## RELIABILITY

projectable delivery times and strict observance of deadlines

Short delivery times and firm deadlines, even for special designs, make BDSENSORS a reliable partner for our customers.

BDSENSORS reduces the level of your stock-keeping and increases your profitability.

## FLEXIBILITY

We have special solutions for your individual requirement.

We solve your problem in industrial pressure measurement quickly and economically, not only with large-scale production lines, but also for smaller requirements.

BDSENSORS is especially flexible when technical support and quick assistance are required in service case as well as for rush orders.



” A successful cooperation to our customer’s full satisfaction is our motivation - developing together high-quality competitive pressure and level transmitters. Customer-specific solutions, reliability and flexibility combined with an excellent price/performance ratio make us a competent partner for pressure measurement at the highest level.”

#### KNOW-HOW

Know-how is the foundation for successfully producing high-quality electronic pressure measurement devices.









Modern equipment in development and production together with reliable partners are the basic units which make this foundation strong.

- ISO 9001 certified
- state-approved metrology center
- accredited calibration laboratory
- EMC-lab for norm-conforming tests
- state-of-the-art CNC production
- CIM production

#### INDUSTRIES

	plant and machine engineering
	chemical and biochemical industry
	energy industry
	renewable energy
	semiconductor industry / cleanroom technology
	HVAC
	hydraulics
	refrigeration
	calibration techniques
	laboratory techniques
	medical technology
	food and beverage
	hydraulics
	oil and gas industry
	pharmaceutical industry
	marine / shipbuilding / offshore
	heavy industry
	environmental industry
	packaging and paper industry

#### MEDIA

	sewage
	aggressive media
	colours
	gases
	fuels and oils
	pasty and viscous media
	oxygen
	water





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