

**PNEUMATIC  
AUTOMATION**



**AUTOMOTIVE**



**MODULAR  
TOOLING  
SYSTEM**

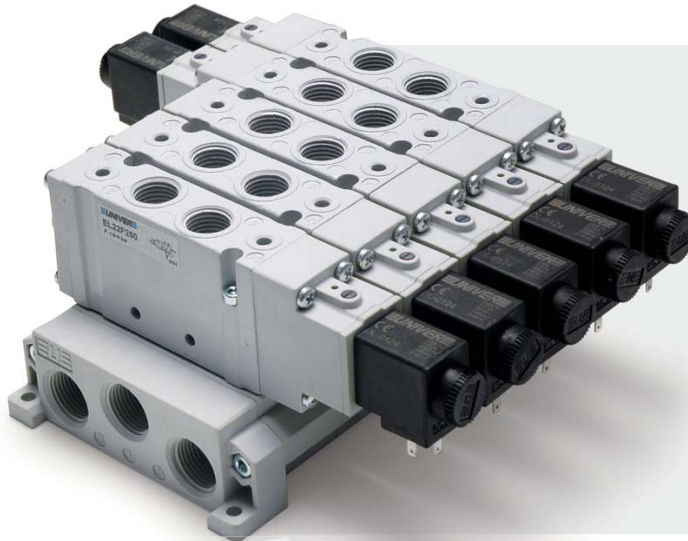


**\_NEWS**2016/2017



# ESSENTIAL

Valves **EL** series 18 mm (G1/8) 22 mm (G1/4)



## HIGH FLOW RATE

800 NI/min (G1/8) 1700 NI/min (G1/4)

## REDUCED DIMENSIONS

18 mm (G1/8) 22 mm (G1/4)

## COMPLETE SOLUTION

5/2 Monostable/Bistable

5/3 c.c./o.c./p.c.

3/2 NC+3/2 NC

3/2 NC+3/2 NO

3/2 NO+3/2 NO

## STRONG

Metallic body

# P22

COMPACT 22 mm

## HIGH FLOW RATE

1700 NI/min (UNIVER traditional spool technology)

## COMPACT SIZE: 22 mm

Highest reduction of overall dimensions

## EASY INSTALLATION

All pneumatic connections on the same side

## COMPLETE SOLUTION

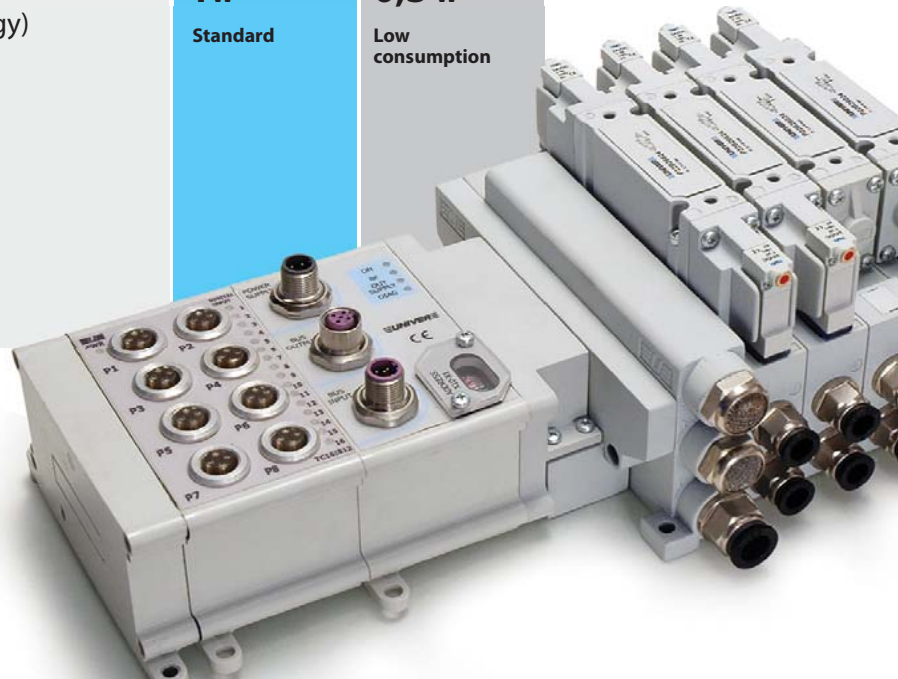
Body for sub-base mounting  
5/2 - 5/3 - 3/2+3/2

1w

Standard

0,3 w

Low  
consumption



# LGPS

## Pneumatic Grippers

### STEPLESS ADJUSTABLE OPENING ANGLE

From 0° to 160°

### LIGHTWEIGHT

### TOGGLE JOINT MECHANISM

Irreversible movement without air supply

### INTEGRATED COMPENSATION

### TWO-SIDED SENSOR MOUNTING POSITION

Left and right side

### 360° ORBITAL ORIENTATION

Unlimited orbital mounting adjustment

### INTEGRATED CUSHIONING SYSTEM





# LAE

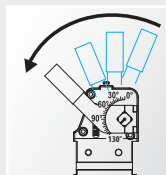
Electric Power Clamps



**INTERCHANGEABLE**  
same overall dimensions as  
pneumatic power clamps



**UNIVER ORIGINAL  
CONTROL UNIT**



**ADJUSTABLE OPENING  
ANGLE**

**15° ÷ 130°**



**ENVIRONMENTALLY  
FRIENDLY**

# TC-E

## Modular Control System for Electric Clamping Units



**SERIAL  
COMMUNICATION  
SYSTEM**



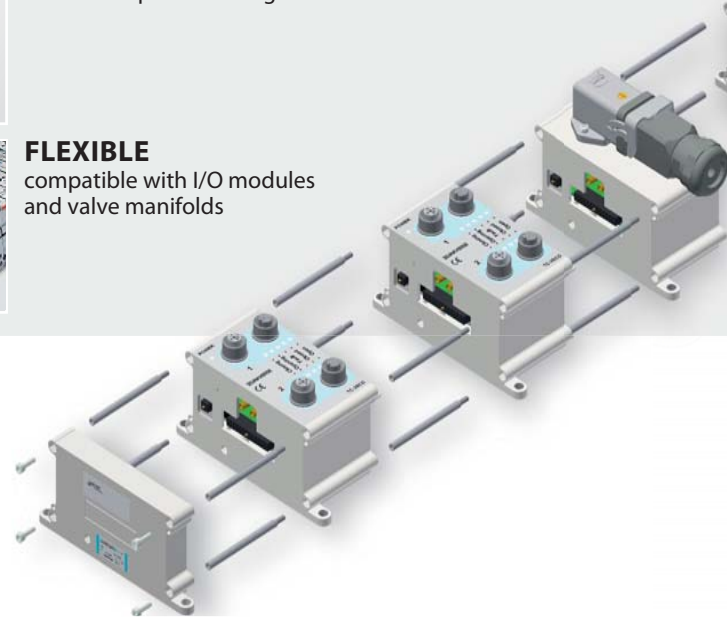
**ELECTRIC UNIT DRIVER**  
control module for 2 clamping units  
Max 8 electric devices



**POWER UNIT**  
**EFFICIENT** power management



**FLEXIBLE**  
compatible with I/O modules  
and valve manifolds



# BLUECLAMP

air saving

AIR SAVING up to **40%**



**ALL SIZES AVAILABLE: 32 - 40 - 50 - 63 - 80 mm**

**TOGGLE JOINT MECHANISM AND SPRING PACK SYSTEM:**  
same internal system as standard UNIVER clamps

**HIGH AIR SAVING IN EACH SIZE**

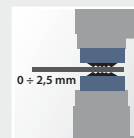
**STANDARD AND NAAMS VERSIONS**

**-10%**

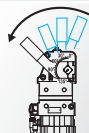
**REDUCED  
OVERALL  
DIMENSIONS**



**LIGHTWEIGHT**



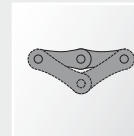
**INTEGRATED  
COMPENSATION**



**STEPLESS  
ADJUSTABLE  
OPENING ANGLE  
0° ÷ 135°**



**REAR FRONT  
AND SIDE  
MOUNTING  
SURFACE**



**IRREVERSIBLE**





UABP32VCS



UABP40VCS



UABP50VCS



UABP63VCS



UABP80VCS

SIZE	STANDARD CLAMP*	BLUE CLAMP*	SAVING%
32	99	60	40%
40	165	103	39%
50	286	185	35%
63	510	338	34%
80	1270	787	38%

\* = cm<sup>3</sup>/bar

# LARP

UNIVERSAL Power Pivot



**ADJUSTABLE OPENING ANGLE:**

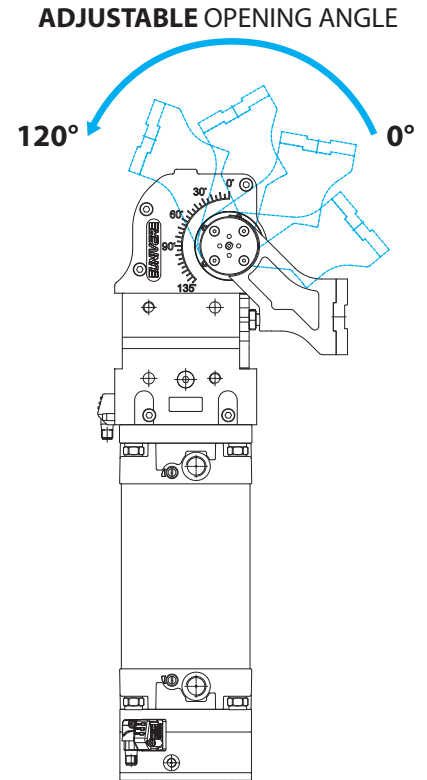
**0° ÷ 120°**

**STOCK REDUCTION**

**AVAILABLE WITH OR WITHOUT BRAKE**

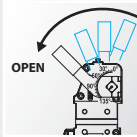
**AVAILABLE FOR ALL SIZES**

**EASY SET UP**



# UBK

Self-holding system for open position



**SELF-ADJUSTING**  
suitable for any opening angle



**DOUBLE MOUNTING**  
mountable either on the right or the left side



**NAAMS STANDARD AVAILABLE**



**ADJUSTABLE HOLDING FORCE**  
to hold different applied loads



**STOCK REDUCTION**  
one single system for different clamp settings

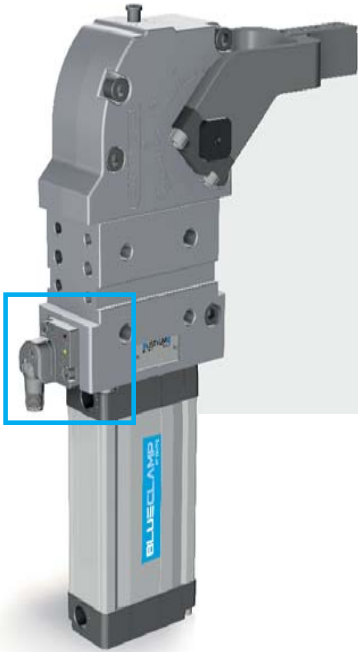


**NO MAINTENANCE REQUIRED**



# DF-S/DF-C

NEW Compact Sensor



FULL METALLIC BODY

## 2 VERSIONS:

DF-S M12 adjustable swivel connector (in steps of 10°)

DF-C M12 fixed connector (to minimize overall dimensions)

REDUCED OVERALL DIMENSIONS

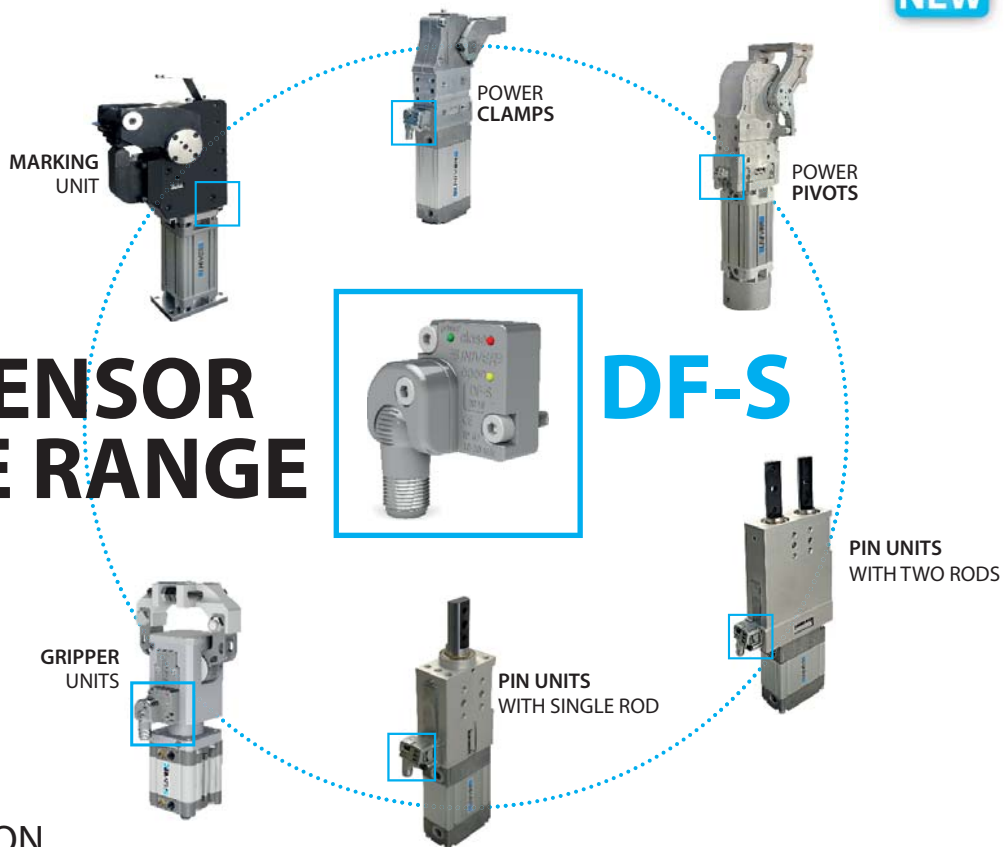
INTERCHANGEABLE WITH CURRENT DF-U SENSOR



DF-S



DF-C



ONE **SINGLE SENSOR**  
FOR THE **WHOLE RANGE**

**1 SENSOR=STOCK REDUCTION**

# GR8

## Modular Tooling System

### HIGH PRECISION

High level of positional repeatability;  
low deflection

### MODULAR COMPONENTS

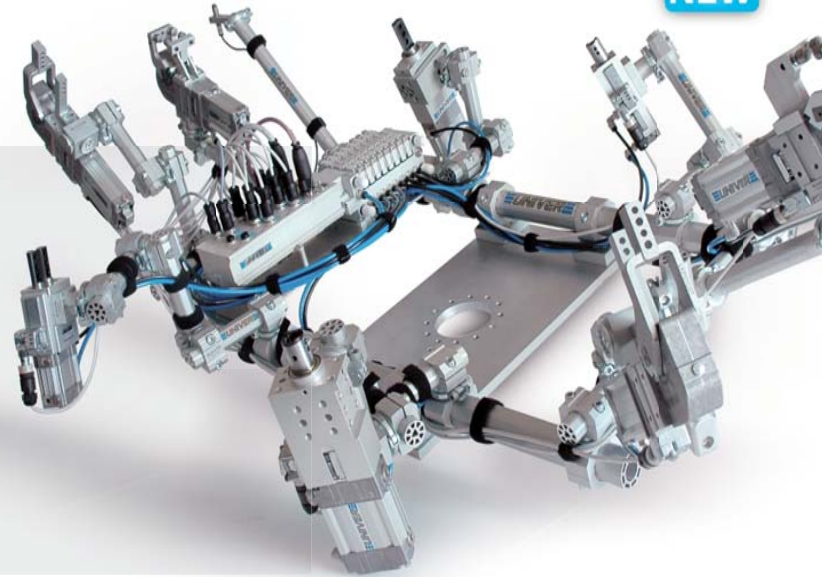
Considerable reduction of mounting components

### QUICK INSTALLATION AND SET UP

No welding or doweling required,  
easily replaceable components

### FULLY ADJUSTABLE

Unlimited orientation in space and free configuration



#### Ø 30 - 45 - 70 mm booms

Maximum stiffness and minimum weight



#### Locking ring

Precise and efficient system to guarantee  
a high level of positional accuracy



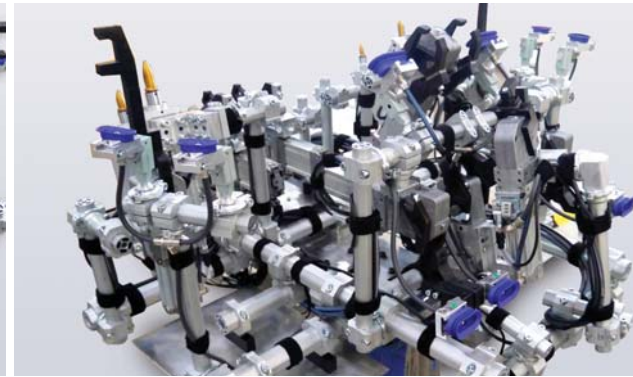
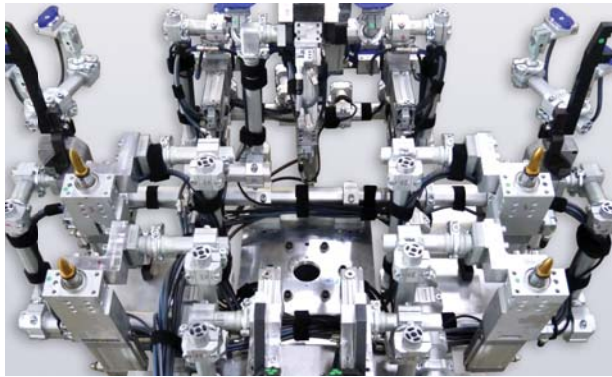
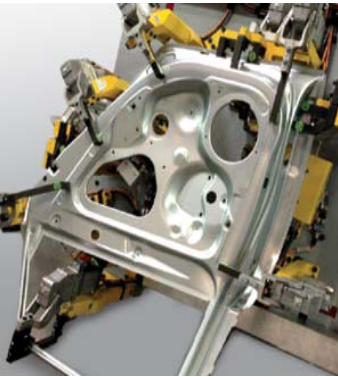
#### Ball mounting

Unlimited swivel rotation





## GR8 application examples



COMPLETE SOLUTION  
WITH **UNIVER** COMPONENTS

Unlimited and complex configurations  
Weight-optimized standard components and brackets  
Quick installation and adjustment  
Modular components

## UNIVER S.p.A.

### Headquarters

I - 20128 **Milano**  
Via Eraclito, 31  
Tel. +39 02 25298.1  
Fax +39 02 2575254  
[info@univer-group.com](mailto:info@univer-group.com)  
[www.univer-group.com](http://www.univer-group.com)

## UNIVER SERVICE S.r.l.

### Headquarters

I - 20128 **Milano**  
Via Empedocle, 20  
Tel. +39 02 25298.1  
Fax +39 02 25298370  
[universervice@universervice.it](mailto:universervice@universervice.it)  
[www.universervice.it](http://www.universervice.it)

### Branch Offices

I - 20128 **Milano**  
Via Empedocle, 20  
[universervice@universervice.it](mailto:universervice@universervice.it)

I - 24060 Castelli Calepio **Bergamo**  
Via C. Curotti, 31/33  
[castellicalepio@universervice.it](mailto:castellicalepio@universervice.it)

I - 40069 Zola Predosa **Bologna**  
Via Balzani, 5  
[bologna@universervice.it](mailto:bologna@universervice.it)

I - 22040 Monguzzo **Como**  
Via Valassina, 18  
[monguzzo@universervice.it](mailto:monguzzo@universervice.it)

I - 10071 Borgaro Torinese **Torino**  
Via Veneto, 18  
[torino@universervice.it](mailto:torino@universervice.it)

I - 30030 Vigonovo **Venezia**  
Via Prima strada 16/A - Loc. Galta  
[vigonovo@universervice.it](mailto:vigonovo@universervice.it)

## UNIVER do Brasil S/A

**BRAZIL** - 13474-764 - Americana **São Paulo**  
Rua do Polyester, 29  
Distrito Industrial Abdo Najar  
[atendimento@univer.com.br](mailto:atendimento@univer.com.br)

## UNIVER CHINA

**CHINA** - **Shanghai Pudong**  
399 Fu Te North Road  
Free Trade Zone  
[info@univer-china.com](mailto:info@univer-china.com)

## UNIVER FRANCE S.a.s.

**FRANCE** - 68000 **Colmar**  
1, rue Denis Papin  
[info@univer-france.fr](mailto:info@univer-france.fr)

## UNIVER G.m.b.H.

**GERMANY** - D-65428 **Rüsselsheim**  
Eisenstraße 51  
[info@univer-gmbh.de](mailto:info@univer-gmbh.de)

## UNIVER NORTH AMERICA

**USA** - 48312 Sterling Heights - **Michigan**  
6620 Cobb Drive  
[info@univer-group.us](mailto:info@univer-group.us)

## UNIVER Polska Sp. z o.o.

**POLAND** - 25-663 **Kielce**  
ul. K. Olszewskiego 21E  
[univer@univer-group.pl](mailto:univer@univer-group.pl)

## UNIVER S.L.

**SPAIN** - 08210 Barbera Del Valles **Barcelona**  
Ronda Industria, 26 - 28  
[univer@univerweb.com](mailto:univer@univerweb.com)