

Cable Glands

with sealing insert for multiple cables for Ex e II applications

Kabelverschraubungen

mit Multi-Dichteinsatz für Ex e II-Applikationen



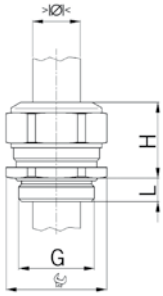
- For increased safety Ex e II
- For space-saving and simple installation
- For installation of multiple cables
- Für erhöhte Sicherheit Ex e II
- Platzsparende und einfache Montage
- Zur Durchführung mehrerer Kabel

**Nickel-plated cable glands Progress® for increased safety
Ex e II with sealing insert for multiple cables**

**Kabelverschraubungen Progress® Messing
erhöhte Sicherheit Ex e II mit
Multi-Dichteinsatz**

Short entry thread metric

Kurzes Anschlussgewinde metrisch



Material: Nickel-plated brass
Seal: TPE / NBR in case of clamping range ³⁾
Temperature range: -40°C / +100°C
Protection class: IP 68
Test standard: EN 60079-0 / EN 60079-7
Ignition protection: Increased safety «e»
Group: II
Cat./zone: 2 G/D / 1, 2, 21 ,22
Certificate: EC-type-examination certificate PTB 02 ATEX 1126X

Material: Messing vernickelt
Dichtung: TPE / NBR wenn Klemmbereich ³⁾
Einsatztemperatur: -40°C / +100°C
Schutzart: IP 68
Prüfnorm: EN 60079-0 / EN 60079-7
Zündschutzart: Erhöhte Sicherheit «e»
Gruppe: II
Kat./Zone: 2 G/D / 1, 2, 21 ,22
Zertifikat: EG-Baumusterprüfbescheinigung PTB 02 ATEX 1126X

Progress MS EX



**One-piece sealing insert
not overall length insulated**

**Einteiliger Dichtungseinsatz
nicht durchgehend isolierend**



Art.-Nr.	G	>Ø< mm	⊗	mm	H mm	L mm	
EX1310.12.3.010	M12x1.5	0.6 - 1.0 ³⁾	3	15	17	5	50
EX1310.17.4.015	M16x1.5	1.0 - 1.5 ³⁾	4	18	20	5	50
EX1310.17.2.030	M16x1.5	2.0 - 3.0	2	18	20	5	50
EX1310.20.6.030	M20x1.5	2.5 - 3.0	6	24	21	6	50
EX1310.20.2.050	M20x1.5	3.5 - 5.0	2	24	21	6	50
EX1310.20.4.050	M20x1.5	3.5 - 5.0	4	24	21	6	50
EX1310.20.3.060	M20x1.5	4.5 - 6.0	3	24	21	6	50
EX1310.20.2.075	M20x1.5	5.5 - 7.5	2	24	21	6	50
EX1310.25.6.060	M25x1.5	5.0 - 6.0	6	30	25	7	25
EX1310.25.3.070	M25x1.5	6.0 - 7.0	3	30	25	7	25
EX1310.25.4.070	M25x1.5	5.5 - 7.0	4	30	25	7	25
EX1310.25.3.090	M25x1.5	7.5 - 9.0	3	30	25	7	25
EX1310.25.2.100	M25x1.5	8.0 - 10.0	2	30	25	7	25
EX1310.32.6.070	M32x1.5	6.0 - 7.0	6	36	28	8	25
EX1310.32.4.090	M32x1.5	7.5 - 9.0	4	36	28	8	25
EX1310.40.7.090	M40x1.5	8.0 - 9.0 ³⁾	7	46	31	8	10
EX1310.40.2.150	M40x1.5	14.0 - 15.0 ³⁾	2	46	31	8	10
EX1310.50.4.100	M50x1.5	9.0 - 10.0 ³⁾	4	55	34	9	10
EX1310.63.6.120	M63x1.5	11.0 - 12.0 ³⁾	6	70	37	10	5
EX1310.63.3.180	M63x1.5	17.0 - 18.0 ³⁾	3	70	37	10	5

Short entry thread Pg

Kurzes Anschlussgewinde Pg

Progress MS EX



**One-piece sealing insert
not overall length insulated**

**Einteiliger Dichtungseinsatz
nicht durchgehend isolierend**



Art.-Nr.	G	>Ø< mm	⊗	mm	H mm	L mm	
EX1310.09.4.015	Pg 9	1.0 - 1.5 ³⁾	4	18	20	6	50
EX1310.09.2.030	Pg 9	2.0 - 3.0	2	18	20	6	50
EX1310.11.3.030	Pg 11	2.0 - 3.0 ³⁾	3	21	21	6	50
EX1310.11.2.040	Pg 11	3.0 - 4.0 ³⁾	2	21	21	6	50
EX1310.11.2.050	Pg 11	3.5 - 5.0	2	21	21	6	50
EX1310.13.3.040	Pg 13	2.5 - 4.0 ³⁾	3	24	23	6	50
EX1310.13.2.050	Pg 13	3.5 - 5.0	2	24	23	6	50
EX1310.16.6.030	Pg 16	2.5 - 3.0	6	24	23	6	50
EX1310.16.6.040	Pg 16	3.0 - 4.0 ³⁾	6	24	23	6	50
EX1310.16.2.060	Pg 16	4.5 - 6.0	2	24	23	6	50
EX1310.16.3.060	Pg 16	4.5 - 6.0	3	24	23	6	50
EX1310.21.4.070	Pg 21	5.5 - 7.0	4	30	28	7	25
EX1310.21.3.090	Pg 21	7.5 - 9.0	3	30	28	7	25
EX1310.29.6.065	Pg 29	5.5 - 6.5 ³⁾	6	38	28	8	25
EX1310.29.3.090	Pg 29	8.0 - 9.0 ³⁾	3	38	28	8	25
EX1310.36.4.100	Pg 36	9.0 - 10.0 ³⁾	4	50	32	8	10
EX1310.36.2.150	Pg 36	14.0 - 15.0 ³⁾	2	50	32	8	10
EX1310.48.6.120	Pg 48	11.0 - 12.0 ³⁾	6	65	37	11	5
EX1310.48.3.180	Pg 48	17.0 - 18.0 ³⁾	3	65	37	11	5

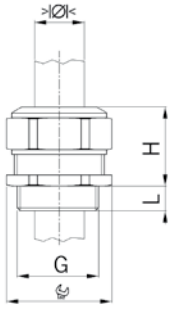
Long entry threads and executions in A2 or A4 steel with sealing insert in FPM are available on demand

Langes Anschlussgewinde, Ausführungen in A2 oder A4 Stahl mit FPM Dichteinsätzen auf Anfrage lieferbar

Synthetic cable glands Progress® GFK for increased safety
Ex e II with sealing insert for multiple cables

Kabelverschraubungen Progress®
Kunststoff GFK für erhöhte Sicherheit
Ex e II mit Multi-Dichteinsatz
Anschlussgewinde metrisch

Entry thread metric



Material: Polyamid glass fiber reinforced
 Seal: TPE / NBR in case of clamping range ³⁾
 Temperature range: -20°C / +85°C
 Protection class: IP 68
 Test standard: EN 60079-0 / EN 60079-7
 Ignition protection: Increased safety «e»
 Group: II
 Cat./zone: 2 G/D / 1, 2, 21, 22
 Certificate: EC-type-examination certificate PTB 02ATEX 1126X

Material: Polyamid glasfaserverstärkt
 Dichtung: TPE / NBR wenn Klemmbereich ³⁾
 Einsatztemperatur: -20°C / +85°C
 Schutzart: IP 68
 Prüfnorm: EN 60079-0 / EN 60079-7
 Zündschutzart: Erhöhte Sicherheit «e»
 Gruppe: II
 Kat./Zone: 2 G/D / 1, 2, 21, 22
 Zertifikat: EG-Baumusterprüfbescheinigung PTB 02ATEX 1126X

Progress GFK EX



Light grey RAL 7035
One-piece sealing insert

Hellgrau RAL 7035
Einteiliger Dichtungseinsatz



Art.-Nr.	G	>Ø< mm		 mm	H mm	L mm	
EX1571.17.4.015	M16x1.5	1.0 - 1.5 ³⁾	4	21	26	12	50
EX1571.17.2.030	M16x1.5	2.0 - 3.0	2	21	26	12	50
EX1571.20.6.030	M20x1.5	2.5 - 3.0	6	27	28	13	50
EX1571.20.2.050	M20x1.5	3.5 - 5.0	2	27	28	13	50
EX1571.25.6.060	M25x1.5	5.0 - 6.0	6	34	33	13	25
EX1571.25.4.070	M25x1.5	5.5 - 7.0	4	34	33	13	25
EX1571.25.3.090	M25x1.5	7.5 - 9.0	3	34	33	13	25
EX1571.25.2.100	M25x1.5	8.0 - 10.0	2	34	33	13	25
EX1571.32.6.070	M32x1.5	6.0 - 7.0	6	41	35	15	25
EX1571.32.4.090	M32x1.5	7.5 - 9.0	4	41	35	15	25
EX1571.40.7.090	M40x1.5	8.0 - 9.0 ³⁾	7	50	40	15	10
EX1571.40.2.150	M40x1.5	14.0 - 15.0 ³⁾	2	50	40	15	10
EX1571.50.4.100	M50x1.5	9.0 - 10.0 ³⁾	4	60	42	16	10
EX1571.63.6.120	M63x1.5	11.0 - 12.0 ³⁾	6	75	48	16	5
EX1571.63.3.180	M63x1.5	17.0 - 18.0 ³⁾	3	75	48	16	5

Progress GFK EX



Black RAL 9005
One-piece sealing insert

Schwarz RAL 9005
Einteiliger Dichtungseinsatz

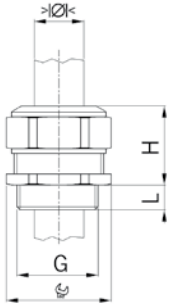


Art.-Nr.	G	>Ø< mm		 mm	H mm	L mm	
EX1540.17.4.015	M16x1.5	1.0 - 1.5 ³⁾	4	21	26	12	50
EX1540.17.2.030	M16x1.5	2.0 - 3.0	2	21	26	12	50
EX1540.20.6.030	M20x1.5	2.5 - 3.0	6	27	28	13	50
EX1540.20.2.050	M20x1.5	3.5 - 5.0	2	27	28	13	50
EX1540.25.6.060	M25x1.5	5.5 - 7.0	6	34	33	13	25
EX1540.25.4.070	M25x1.5	7.5 - 9.0	4	34	33	13	25
EX1540.25.3.090	M25x1.5	8.0 - 10.0	3	34	33	13	25
EX1540.25.2.100	M25x1.5	8.0 - 10.0	2	34	33	13	25
EX1540.32.6.070	M32x1.5	6.0 - 7.0	6	41	33	13	25
EX1540.32.4.090	M32x1.5	7.5 - 9.0	4	41	35	15	25
EX1540.40.7.090	M40x1.5	8.0 - 9.0 ³⁾	7	50	40	15	10
EX1540.40.2.150	M40x1.5	14.0 - 15.0 ³⁾	2	50	40	15	10
EX1540.50.4.100	M50x1.5	9.0 - 10.0 ³⁾	4	60	42	16	10
EX1540.63.6.120	M63x1.5	11.0 - 12.0 ³⁾	6	75	48	16	5
EX1540.63.3.180	M63x1.5	17.0 - 18.0 ³⁾	3	75	48	16	5

**Synthetic cable glands Progress® GFK for increased safety
Ex e II with sealing insert for multiple cables**

**Kabelverschraubungen Progress®
Kunststoff GFK für erhöhte Sicherheit
Ex e II mit Multi-Dichteinsatz
Anschlussgewinde Pg**

Entry thread Pg



Material: Polyamid glass fiber reinforced
Seal: TPE / NBR in case of clamping range ³⁾
Temperature range: -20°C / +85°C
Protection class: IP 68
Test standard: EN 60079-0 / EN 60079-7
Ignition protection: Increased safety «e»
Group: II
Cat./zone: 2 G/D / 1, 2, 21, 22
Certificate: EC-type-examination certificate PTB 02ATEX 1126X

Material: Polyamid glasfaserverstärkt
Dichtung: TPE / NBR wenn Klemmbereich ³⁾
Einsatztemperatur: -20°C / +85°C
Schutzart: IP 68
Prüfnorm: EN 60079-0 / EN 60079-7
Zündschutzart: Erhöhte Sicherheit «e»
Gruppe: II
Kat./Zone: 2 G/D / 1, 2, 21, 22
Zertifikat: EG-Baumusterprüfbescheinigung PTB 02ATEX 1126X

Progress GFK EX



**Light grey RAL 7035
One-piece sealing insert**

**Hellgrau RAL 7035
Einteiliger Dichtungseinsatz**



Art.-Nr.	G	>Ø< mm		 mm	H mm	L mm	
EX1571.09.4.015	Pg 9	1.0 - 1.5 ³⁾	4	21	26	12	50
EX1571.09.2.030	Pg 9	2.0 - 3.0	2	21	26	12	50
EX1571.11.3.030	Pg 11	2.0 - 3.0 ³⁾	3	24	28	12	50
EX1571.11.2.050	Pg 11	3.5 - 5.0	2	24	28	12	50
EX1571.13.3.040	Pg 13	2.5 - 4.0 ³⁾	3	27	28	13	50
EX1571.13.2.050	Pg 13	3.5 - 5.0	2	27	28	13	50
EX1571.16.6.030	Pg 16	2.5 - 3.0	6	27	28	13	50
EX1571.16.3.060	Pg 16	4.5 - 6.0	3	27	28	13	50
EX1571.21.4.070	Pg 21	5.5 - 7.0	4	34	33	13	25
EX1571.21.3.090	Pg 21	7.5 - 9.0	3	34	33	13	25
EX1571.29.6.065	Pg 29	5.5 - 6.5 ³⁾	6	41	36	13	25
EX1571.29.3.090	Pg 29	8.0 - 9.0 ³⁾	3	41	36	13	25
EX1571.36.2.150	Pg 36	14.0 - 15.0 ³⁾	2	55	42	16	10
EX1571.36.4.100	Pg 36	9.0 - 10.0 ³⁾	4	55	42	16	10
EX1571.42.4.100	Pg 42	9.0 - 10.0 ³⁾	4	60	42	16	10
EX1571.48.6.120	Pg 48	11.0 - 12.0 ³⁾	6	70	46	16	5
EX1571.48.3.180	Pg 48	17.0 - 18.0 ³⁾	3	70	46	16	5

Progress GFK EX



**Black RAL 9005
One-piece sealing insert**

**Schwarz RAL 9005
Einteiliger Dichtungseinsatz**



Art.-Nr.	G	>Ø< mm		 mm	H mm	L mm	
EX1540.09.4.015	Pg 9	1.0 - 1.5 ³⁾	4	21	26	12	50
EX1540.09.2.030	Pg 9	2.0 - 3.0	2	21	26	12	50
EX1540.11.3.030	Pg 11	2.0 - 3.0 ³⁾	3	24	28	12	50
EX1540.11.2.050	Pg 11	3.5 - 5.0	2	24	28	12	50
EX1540.13.3.040	Pg 13	2.5 - 4.0 ³⁾	3	27	28	13	50
EX1540.13.2.050	Pg 13	3.5 - 5.0	2	27	28	13	50
EX1540.16.6.030	Pg 16	2.5 - 3.0	6	27	28	13	50
EX1540.16.3.060	Pg 16	4.5 - 6.0	3	27	28	13	50
EX1540.21.4.070	Pg 21	5.5 - 7.0	4	34	33	13	25
EX1540.21.3.090	Pg 21	7.5 - 9.0	3	34	33	13	25
EX1540.29.6.065	Pg 29	5.5 - 6.5 ³⁾	6	41	36	13	25
EX1540.29.3.090	Pg 29	8.0 - 9.0 ³⁾	3	41	36	13	25
EX1540.36.2.150	Pg 36	14.0 - 15.0 ³⁾	2	55	42	16	10
EX1540.36.4.100	Pg 36	9.0 - 10.0 ³⁾	4	55	42	16	10
EX1540.42.4.100	Pg 42	9.0 - 10.0 ³⁾	4	60	42	16	10
EX1540.48.6.120	Pg 48	11.0 - 12.0 ³⁾	6	70	46	16	5
EX1540.48.3.180	Pg 48	17.0 - 18.0 ³⁾	3	70	46	16	5