

Progress[®] EMC easyCONNECT.

AGRO EMC cable glands for
interference-free cable installations

EMC 케이블 그랜드 - easyCONNECT

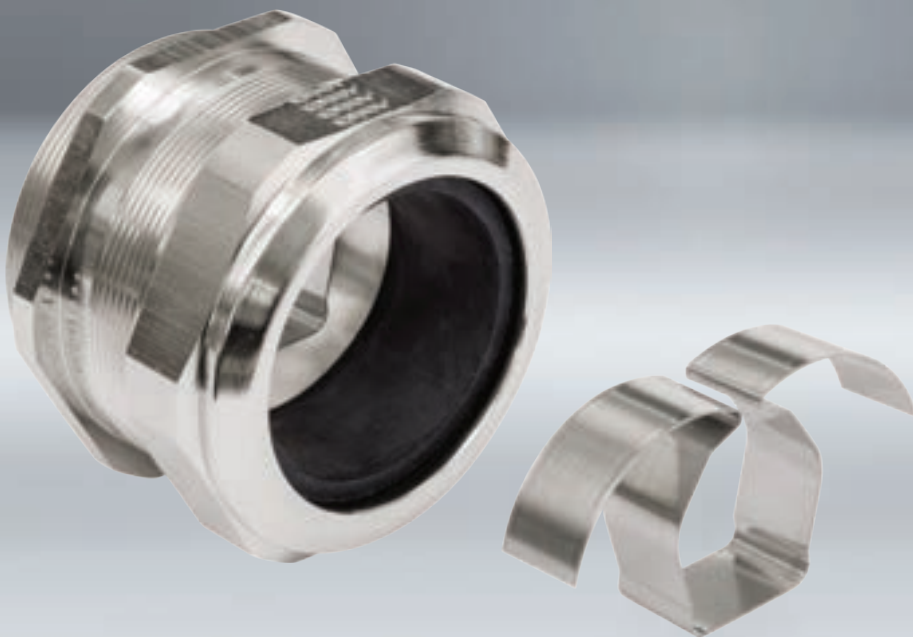
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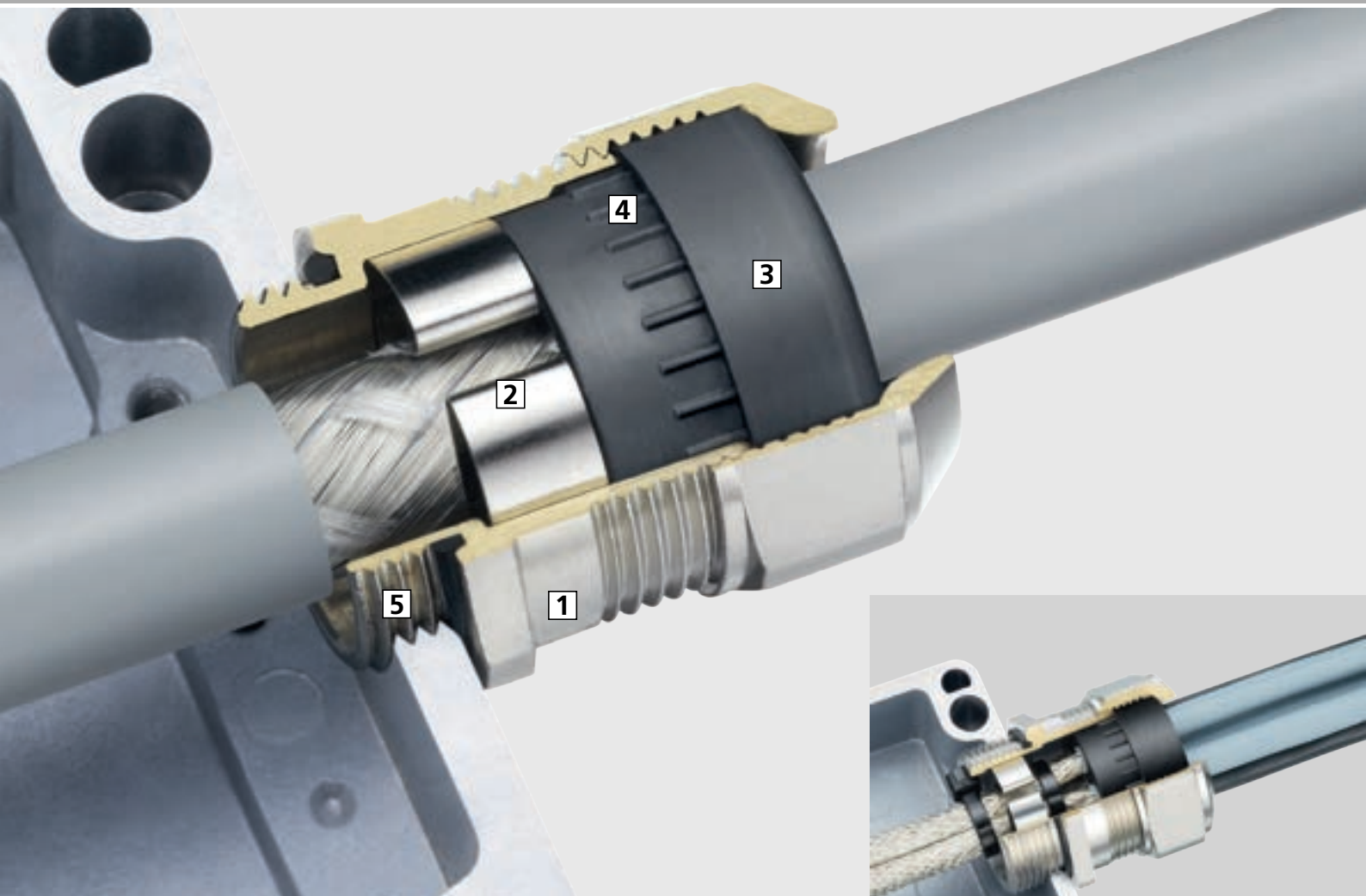
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AGRO
... your quality-connection



Progress® EMC easyCONNECT.

Quick, safe and convenient installation thanks to an innovative contact spring.

The cable glands Progress® EMC easyCONNECT guarantees full control during installation and compensates for tolerances in shielding thicknesses to make a secure screened tap connection. The spring system provides for a very good contact of partially stripped shielding cables equally as well as for the contact of completely exposed cable shields which can be routed further.

1 Immediately recognisable

Thanks to the marking on the bottom section, the Progress® EMC easyCONNECT can be immediately identified by its EMC imprinting all around.

2 Optimal shield contact

The powerful, protective clamping of the cable shield guarantees excellent shield contact and provides for the smallest possible transfer impedance. The shape of the contact spring not only allows for a large clamping range to the shield nut also for easy disassembly without damaging the EMC braid.

3 Best possible sealing

Two-part sealing inserts can be adapted to the existing cable diameter on site in just seconds and guarantee perfect sealing in compliance with IP 68 and IP 69K.

4 High resistance to torsion

The integrated retaining grooves in the lower part and in the sealing insert grant against twisting.

5 Short or long entry threads

Short or long entry threads in metric types M12 - M63 allow secure anchoring of the cable gland with or without an EMC locknut.



Remove contact spring



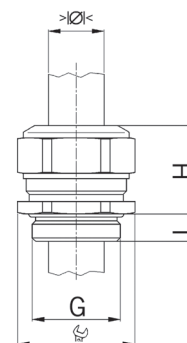
Clip the contact spring onto the screen



Assemble as shown

Short metric entry thread

Material:	Nickel-plated brass
Contact spring:	Spring steel 1.4310
Sealing insert:	TPE
O-Ring:	NBR
Strain relief:	Version A According to EN 62444
Temperature range:	-60°C / +100°C
Protection class:	IP 68 / IP 69K
Characteristics	For a quick and safe installation of partially dismantled cables as well as thoroughly shielded cables



Progress MS easyCONNECT



Two-piece sealing insert
not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	Art.No.	
M12x1.5	3.5	5.0	15	22	5	1	1083.12.050	50
M12x1.5	5.0	6.5	15	22	5	1	1083.12.065	50
M16x1.5	6.0	10.5	18	25	5	-	1083.17	50
M20x1.5	8.0	15.0	24	27	6	-	1083.20	50
M25x1.5	12.5	20.5	30	33	7	-	1083.25	25
M32x1.5	17.0	25.5	36	33	8	-	1083.32	25
M40x1.5	24.0	33.0	46	38	8	2	1083.40	10
M50x1.5	33.0	42.0	55	42	9	2	1083.50	10
M63x1.5	40.0	52.0	70	42	10	2	1083.63	5

1 = One piece sealing insert
2 = Approvals pending
Pg and NPT entry threads upon request

Long metric entry thread

Progress MS easyCONNECT



Two-piece sealing insert
not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	Art.No.	
M12x1.5	3.5	5.0	15	22	10	1	1183.12.050	50
M12x1.5	5.0	6.5	15	22	10	1	1183.12.065	50
M16x1.5	6.0	10.5	18	25	10	-	1183.17	50
M20x1.5	8.0	15.0	24	27	10	-	1183.20	50
M25x1.5	12.5	20.5	30	33	11	-	1183.25	25
M32x1.5	17.0	25.5	36	33	13	-	1183.32	25
M40x1.5	24.0	33.0	46	38	13	2	1183.40	10
M50x1.5	33.0	42.0	55	42	14	2	1183.50	10
M63x1.5	40.0	52.0	70	42	14	2	1183.63	5

1 = One piece sealing insert
2 = Approvals pending
Pg and NPT entry threads upon request



Cable glands Progress® EMC easyCONNECT Multi



With standard drills

With customised drills



You define number and diameter of the cable gland - we produce your individual EMC multi cable gland.
AGRO realises customised solutions.

Systems and solutions for professional EMC cable entries.



Progress® EMC, nickel-plated brass.

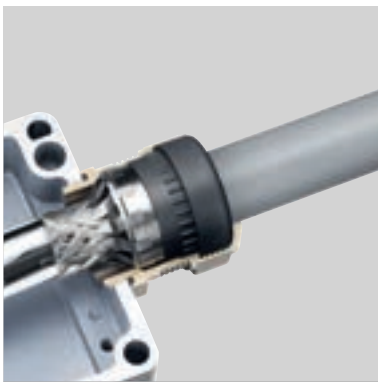
Progress EMC cable glands made of brass and with the time-proven contact sleeve make 360° contact with braided shield which terminates at the cable gland. The decisive edge geometry of the contact sleeve prevents any shearing of the braided shield.

1 Low contact resistance

The immense 360° contact surface ensures low contact resistance.

2 Permanent contact pressure

The interlocking "sealing insert/contact sleeve" combination ensures permanent contact pressure of the braided shield against the lower part.



Progress® EMC Rapid, nickel-plated brass.

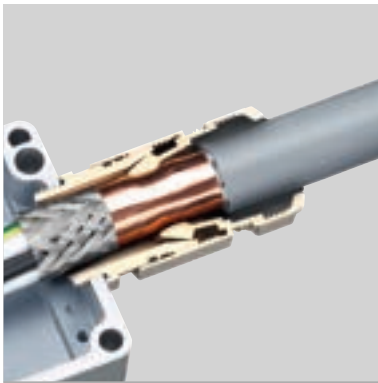
The screw connection with two contact options. An integrated contact disc allows for easy and fast contact to the shield of partially stripped cables as well as of fully stripped cables which shields are being extended.

1 Low contact resistance

The flexible tongues on the contact disc, with their large surface area, maximise the gripping surface on the braided shield.

2 Flexible terminating methods

If a 360° contact is required, the contact disc can be extruded and the trimmed shield can be connected to the contact bushing.



Progress® EMC Series 85, nickel-plated brass.

Cable glands Progress® EMC Series 85 made of brass provide an especially low-impedance connection between the braided shield and the metal housing and a safe cable routing.

1 Optimal shield contact

The connector piece, which is secured with the help of large wrenching surfaces, enables perfect contact of the braided shield by means of a collet chuck with segments that slide together around 360°. The copper tap grants equal transmission of the compression power.

2 Highest leakage currents

The massive collet guarantees a concentric, low-impedance screened tap connection and handles leakage currents of up to 1,600 A continuous – and short term to 3 kA.

Technical information and advice

Please find additional information about products, system solutions and communication media on our website: www.agro.ch

For additional questions or information our sales team will be available and would be pleased to talk with you.

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assembly movie