

For problem-free, process-reliable feedthroughs with good sealing.

AGRO MCE Pro EMC combines a reliable cable feedthrough with an integrated EMC contact principle based on the proven easyCONNECT spring technology. The contact spring facilitates a secure, mechanically decoupled shield connection that functions reliably with either partially stripped or fully exposed cable shields.

The deformation-resistant spring adapts to varying shield diameters, facilitating a consistent and detachable shield contact without damaging the cable braid. The system is also suitable for multi-holed sealing elements, thus further enhancing cable layout flexibility. Combined with its front mounting and its robust design, this creates a highly functional system for applications with demanding EMC requirements – easy to use and reliable in operation.

The advantages of AGRO MCE Pro EMC at a glance:

- Strong and secure shield grip thanks to the spring-based contact system
- Low transfer impedance
- Absolute reliability in terms of system assembly, full installation control with regard to the cable shield
- High degree of sealing (IP 6X / IP X8 / IP X9K) in accordance with the cable gland standard EN 62444
- Flexibility with respect to cable diameter thanks to the use of MultiLAYER sealing elements
- High pull-out forces in accordance with EN 62444
- The installation from the front is quick and cost-effective
- Extremely robust (high impact strength)
- No auxiliary materials or lubricants required

Sealing elements:

- The “EX-Compact” sealing principle is well-proven with millions of applications in standard cable glands
- The MultiLAYER sealing system offers great flexibility with respect to cable diameter
- Ingress protection rating IP 6X / IP X8 / IP X9K
- High pull-out resistance
- Suitable for cables of diameter 4.0 to 22.5 mm
- Splittable for easy replacement
- Customer-specific sealing elements, e.g. with multiple holes, can also be produced

Lower plate:

- Made of nickel-plated aluminium for the optimal discharge of interference signals
- With an additional M5 earthing point for grounding connection between the lower plate and the housing
- Drilling pattern based on industry standard dimensions

Contact springs:

- easyCONNECT contact springs with large clamping range (enhanced flexibility with respect to cable diameter)
- Allow visual inspection of the shield connection



Upper plate:

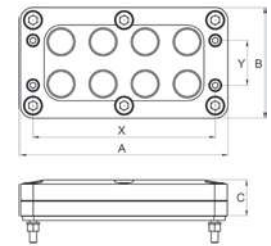
- High-strength anodised aluminium offering high impact resistance (tested in accordance with EN 62444) and good temperature and ageing resistance

Gasket options:

- Flat gasket of CR (chloroprene rubber); tested for rating IP X8 with a maximum of 0.3 bar for 30 minutes; suitable for uneven, rough surfaces
- Flat gasket of NBR (acrylonitrile butadiene rubber); tested for rating IP X8 with a maximum of 4 bar for 60 minutes; suitable for smooth surfaces and more demanding sealing requirements

Milled aluminium, monolithic parts

Material: Anodised aluminium / Nickel-plated
 Seal: NBR
 Gasket: CR (chloroprene rubber)
 Strain relief: Designed according to EN 62444
 Protection class: IP 68 = 0.3 bar for 30 minutes
 Operating temperature: -30 °C / +105 °C



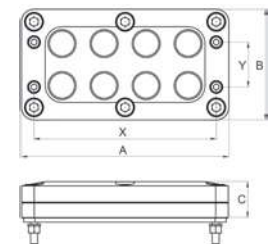
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						A	B	C	X	Y			Art.-No.	
		min mm	max mm	min mm	max mm	mm	mm	mm	mm	mm		mm		
MCE 08 / 08 S101	8	4.0	10.0	3.5	12.0	148	79	26	130	32	M5	112x50	1908.88.08.83.101	1
MCE 08 / 08 S102	8	6.0	16.0	4.5	17.0	148	79	26	130	32	M5	112x50	1908.88.08.83.102	1
MCE 08 / 03 S103	3	10.0	22.5	7.5	21.0	148	79	26	130	32	M5	112x50	1908.88.03.83.103	1

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 Seal: NBR
 Gasket: NBR (acrylonitrile butadiene rubber)
 Strain relief: Design according to EN 62444
 Protection class: IP 68 (max. 4 bar for 60 minutes)
 Operating temperature: -30 °C / +105 °C



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		min mm	max mm	min mm	max mm	mm	mm	mm	mm	mm		mm		
MCE 08 / 08 S111	8	4.0	10.0	3.5	12.0	148	79	26	130	32	M5	112x50	1908.88.08.83.111	1
MCE 08 / 08 S112	8	6.0	16.0	4.5	17.0	148	79	26	130	32	M5	112x50	1908.88.08.83.112	1
MCE 08 / 03 S113	3	10.0	22.5	7.5	21.0	148	79	26	130	32	M5	112x50	1908.88.03.83.113	1