

# AGRO MULTI CABLE ENTRY (MCE).

The innovative multi-entry solution for well-sealed, process-reliable cable entries.

Setting a new standard in terms of sealing performance and process reliability.



# AGRO MULTI CABLE ENTRY (MCE).

A true innovation: Well-proven cable gland technology per EN 62444 in a cable entry unit for multiple cables.

## Summary of AGRO MCE's advantages:

- High tightness IP 68
- Absolute process reliability
- Resists high pull-out forces according EN 62444
- Quick, economical installation
- Extremely robust and versatile
- No supplementary materials or lubricants required

## Tightness and strain relief

To date, the multiple-cable-entry solutions available on the market have proved unsatisfactory for many users. Either they do not achieve the required values in relation to sealing or strain relief, or their installation is time-consuming – a fact that quickly becomes apparent in the overall cost analysis.

AGRO has been developing and manufacturing high-quality cable glands in accordance with EN 62444 for over 65 years. The know-how gained from this in relation to radial compression fabrication of sealing items is now being used for the first time in cable feedthroughs. The specially-designed and reliable strain relief, together with the use of tested sealing units make MCE an innovative, extremely robust and dependable cable entry system.

## Applications

Multiple feedthroughs are widely used in various industries. They find application where a number of cables are to be fed, close together. Compared to the use of numerous individual cable glands, the compact MCE solution saves space and users can benefit from the efficient, easily manageable installation process it facilitates – even where space is very limited.

Fields of application include infrastructure projects (e.g. tunnels, IT data centres and telecommunication networks), control cabinet and plant construction, the processing industry, and vehicle, shipping, offshore and energy technology.

## Process reliability and quick installation

As soon as the two aluminium half-casings of this compact cable entry unit are properly screwed together using the six provided compression screws, the system is reliably sealed. All screws are of stainless steel and are easily accessible from the front. Supplementary materials and lubricants are not required, so installation can be carried out easily, quickly and cost-effectively using a hexagon socket screwdriver.



**...Order now!**

# For well-sealed, process-reliable cable entries: AGRO MCE.

- Sealing elements:
- Well-proven from millions of applications in standard cable glands
  - Sealing according to IP68 (min. 0.1 bar for 30 minutes)
    - Resistant to high pull-out forces
    - Cable clamping range from Ø 5.5 to 21.5 mm
      - Split for easy replacement if necessary

## MCE system:

- High process reliability
- Offers robustness and excellent sealing performance
- Also suitable for applications in challenging environments
- Pre-assembled systems can be efficiently installed on site
- No supplementary materials or lubricants needed for installation



## Housing:

- High-strength half-casings of anodised aluminium
- Drilling pattern based on customary standard dimensions

## Technical data

Housing material:	Anodised aluminium, corrosion-resistant
Sealing elements:	NBR
Flat seal:	CR (chloroprene rubber)
Outer dimensions:	(L x B x H screwed) 148 x 79 x 26 mm
Operating temperature:	-30°C / +105°C
Strain relief:	Based on EN 62444
Protection class:	IP 68 (min. 0.1 bar for 30 minutes)
Materials:	According to REACH and RoHS standards

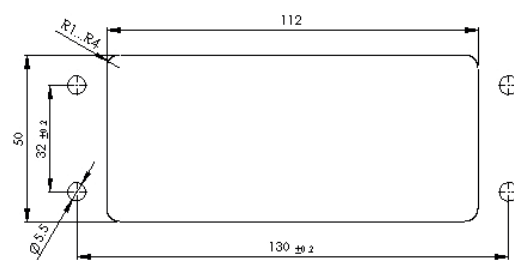


## Product versions and dimensions

Artikel-No.	E-No.	Number of entries	Cable diameters	Fixing bolts	Reference size
1908.88.10.001	121 810 108	10	Ø5.5 – Ø7.5	4x M5, hexagon socket	M20
1908.88.08.002	121 810 208	8	Ø7.5 – Ø10.0	4x M5, hexagon socket	M20
1908.88.08.003	121 810 308	8	Ø10.0 – Ø12.5	4x M5, hexagon socket	M25
1908.88.08.004	121 810 408	8	Ø12.5 – Ø15.5	4x M5, hexagon socket	M25
1908.88.03.005	121 810 508	3	Ø15.5 – Ø18.5	4x M5, hexagon socket	M32
1908.88.03.006	121 810 608	3	Ø18.5 – Ø21.5	4x M5, hexagon socket	M32

## Full rubber sealing inserts for unused entries:

Artikel-No.	E-No.	Reference size	Suitable for	Packaging unit
1900.19.30.03	121 902 558	M20	1908.88.10.001	5
1900.23.30.03	121 902 658	M20	1908.88.08.002	5
1900.26.30.03	121 902 758	M25	1908.88.08.003 & 1908.88.08.004	5
1900.34.30.03	121 902 958	M32	1908.88.03.005 & 1908.88.03.006	5



# The compact **AGRO Progress Multi** cable gland.

AGRO Progress Multi cable glands with split multi-cable sealing inserts are ideal for applications where a small number of cables are to be routed through a wall in a compact way.

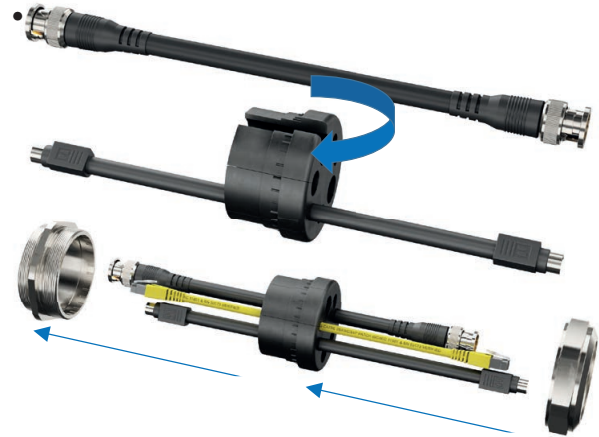
The tried and tested jumbo-sized cable glands are now also available in sizes M50, M63 and M75.

Examples of Multi cable glands: 7-hole or for flat cables.



## AGRO Progress Multi cable glands

- For M50, M63, M75
- The hole pattern of the sealing insert can be designed to suit your needs
- Sealing inserts split to facilitate installation using pre-assembled cables up to the clear width of the cable gland's main parts
- Get in touch with your AGRO contact person for an individual design

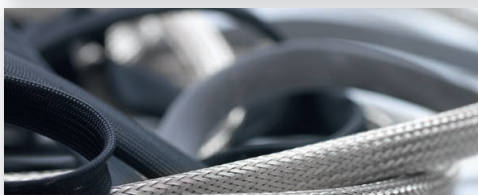


## Complementary products.



### Pressure balance elements and accessories

An extensive range of accessories such as pressure balance elements and drainage elements of brass and plastic, as well as lock-nuts, reducers, expansion fittings and sealing caps, will help meet all your needs.



### AGROflex

Braided sleeving in polyester and polyamide for bundling and sheathing electrical cables, as well as orange-coloured braided sleeving for high-voltage applications in electric vehicles.



### Progress® EMC cable glands

Brass construction ensures a low-impedance connection between shield braidings and metal housings while at the same time ensuring safe and reliable cable entry.

## Technical information and advice

For further information about our products, system solutions and communication media, please visit our web-site: **www.agro.ch**

Our team of technical advisors will be happy to answer any questions you may have or provide further information, and looks forward to speaking with you: **+41 (0)62 889 47 47**

