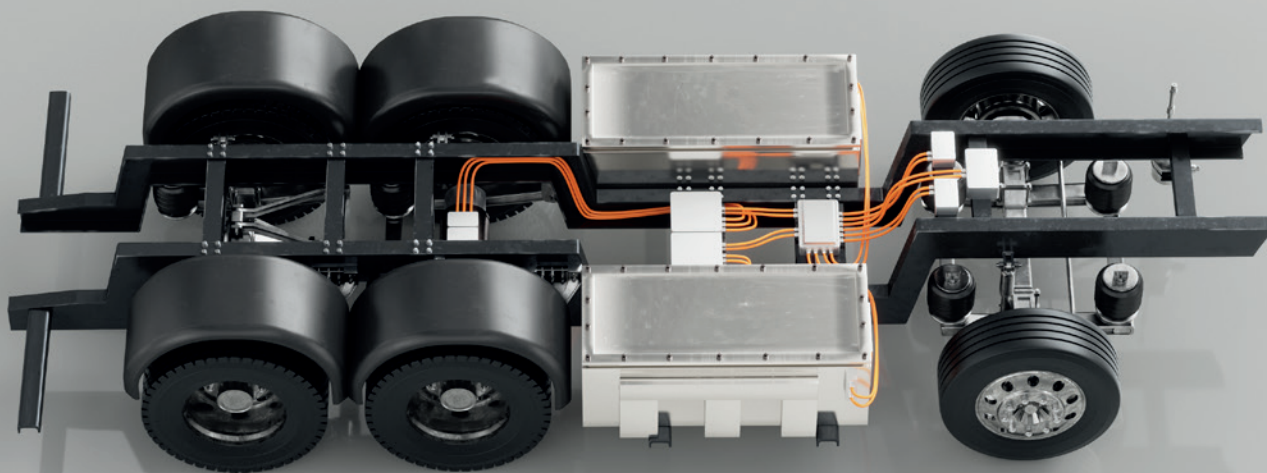


EVolution EMC.

The first “pluggable” cable gland with crimped shield grip.





The EMC innovation for e-mobility.

All around the world, manufacturers from a wide range of industries rely on AGRO's expertise. The Swiss company AGRO AG has been developing and producing high-quality solutions for the insertion and laying of cables since 1953 and, with numerous innovations and patents, is a pioneer in the field of cable glands.

Special vehicles such as construction, mining or railway vehicles must function reliably under extreme conditions. **AGRO** offers **the optimal solution** with its innovative EMC cable gland.



The best in class!

The **shock-tested EVolution EMC** cable gland is a high-quality solution that offers outstanding functionality, efficiency and reliability. It is characterised by **exceptionally high performance**, far exceeding the capabilities of conventional cable glands. At the same time, pre-assembly and final installation can be carried out reliably and easily.



1. Slide cable lug through



2. Insert contact sleeve

Connector meets cable gland.

Amazingly simple and robust: the **'pluggable' 360° EMC contact solution** makes the **EVolution EMC** the best cable gland in its class. Its innovative design ensures process reliability, excellent current-carrying capacity, high temperature resistance and a long service life. No more EMC problems!



3. Slide sealing insert into place



Tighten to fully seated

4. Tighten compression nut

Order Information

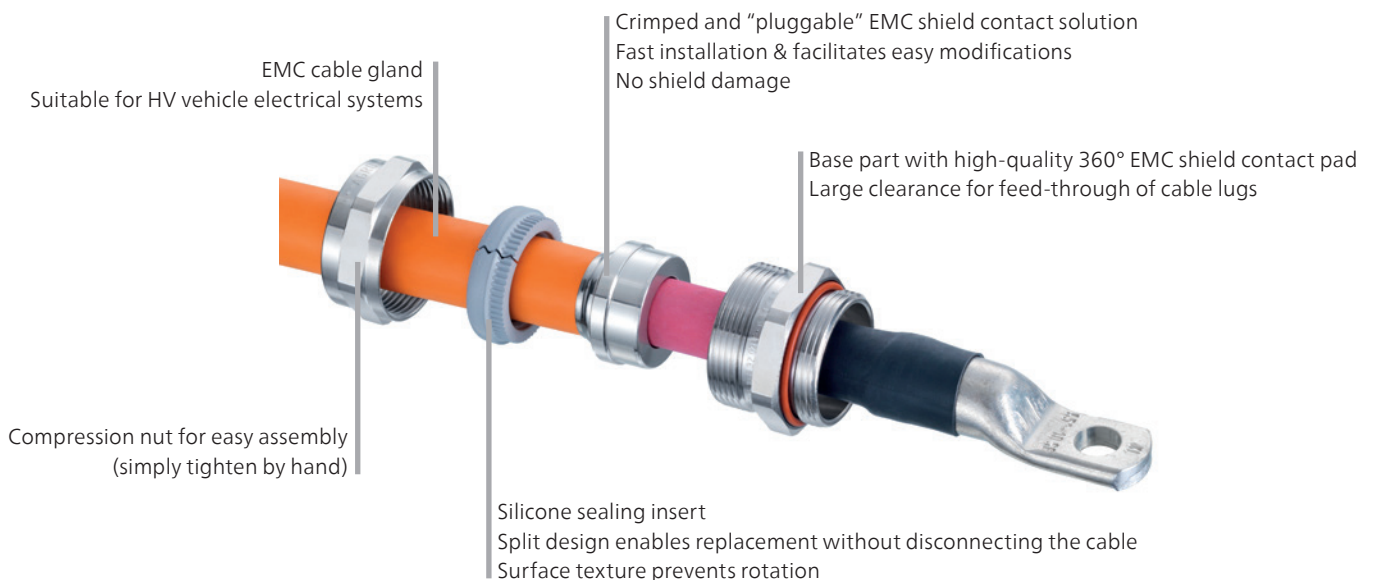


For simple and reliable cable assembly.

EVolution EMC.

Whether on the road, rail, in the field or at sea:

the **EVolution EMC cable gland** offers maximum performance in terms of EMC protection, tightness and durability.



Benefits offered by the EVolution EMC cable gland

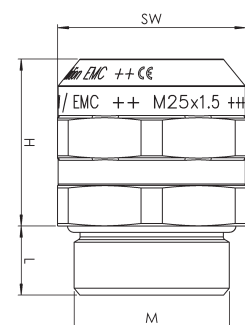
- Exceptional EMC shielding attenuation, even at high frequencies (≥ 86 dB)
- Excellent shield current carrying capacity
- Shock-tested in accordance with DIN EN 60068-2-27
- Free choice of cable manufacturer and cable assembly company
- Reduces the total cost of ownership (TCO) thanks to its high reliability (less downtime, fewer recalls and lower maintenance costs)
- High process reliability (LV214 and LV215)
- Short installation time on the vehicle (pre-assembled)
- Environmentally friendly thanks to lead-free brass (RoHS)



AGRO AXI-PRESS Crimp-Tool

Connection thread size				
M	M20x1.5	M25x1.5	M32x1.5	M40x1.5
L (mm) short long	6 10	7 11	8 13	8 13
H (mm)	25.5	26.6	23.8	25.3
SW (mm)	24	30	36	46
Base part clearance (mm)	16.0	21.0	27.3	35.3
Cable cross-section (mm ²)	16 - 35	35 - 70	70 - 120	150
Clamping range min. - max. (mm)	8.1 - 14.85	12.4 - 18.55	16.6 - 23.25	24.5 - 25.5
Temperature range	-40°C bis +140°C			
Protection class	IP 68 / IP 6K9K			

Further sizes on request



Complementary products.

For professional solutions in the electric vehicle sector.



Accessories

The comprehensive range of accessories includes locknuts, edge protectors, reducers and increasers, threaded sealing caps, and pressure balance and drainage elements.



AGROflex

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



Progress® EMC cable glands

ensure low-impedance connection between the braided shield and the metal housing while also facilitating a secure and reliable cable entry.

E-mobility applications:



Public transport



Goods transport



Mobile machinery



Agricultural vehicles



Special vehicles



Yachts/Ships

Technische Information und Beratung

Further information about our products, system solutions and communication media may be found on our website at **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**