

## Transport



Metal Work, within its production range, has standard products and customized solutions dedicated to the transport sector. In fact, over the years our products have been used on various means of transport and in the most varied application conditions.

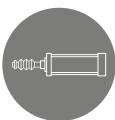
We have standard products capable of working even at low temperatures and in outdoor environments, with power supply voltages compatible with the various application needs. The EB 80 valves and proportional

regulators naturally work in a voltage range from 10.8 VDC to 31.2 VDC, just as the coils are available with different commercial voltages, including 110 VDC.

The accumulated experience allows our specialists to propose the most correct solution for the customer's needs, developing, when necessary, customized solutions that reduce weight and dimensions, optimize resistance to atmospheric agents and allow the best adaptability to the vehicle, making the product suitable for specific use.



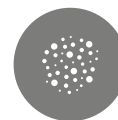
high and low  
temperature



protective  
bellows



robustness



dust



anti-corrosion



ATEX certified



voltage range



## Actuators



### Low temperature cylinders

-40°C / +80°C



### R type rod seal

-25°C / +80°C



### MCR Series Cylinders



### ISO 15552 cylinders with protective bellows

Ø 32 ÷ 125 mm



### Stainless steel cylinders

ISO 6432 Ø 16 ÷ 25 mm  
ISO 15552 Ø 32 ÷ 125 mm  
Round Ø 32 ÷ 63 mm



## Specials

### Cylinders with machined head from full



### Products made in 6000 Series alloys





## Valves



### Series 70 valves for low temperatures

-40°C / +60°C



### PIV Series solenoid valves

3/2 NC/NA



### EB 80 BOXI

4 - 6 - 8 - 12 valves



### EV-FLUID Series Solenoid Valves

2/2, 3/2, NC/NA



### Splash area

3-8 valves; 8-12 valves



### RV-FLUID Series solenoid valves

2/2, 3/2



### MACH 18 Series Valves

5/2, 5/3

Pneumatic or electric drive



**CANopen**

CANopen protocol



## FRL Units



### Syntesi Series

Size 1: 1/8 - 1/4 - 3/8 P Max 15 bar  
 Size 2: 3/8 - 1/2 - 3/4 - 1 P Max 13 bar



### New Deal Series

Thread connection 1/4 - 1  
 P Max 18 bar



## Fittings



### Brass fittings

M3-M5-M7-M12x1.5-1/8-1/4-3/8-1/2  
 UNF/NPT: 10-32, 1/8-1/4-3/8-1/2



### F-E Plus and F-NSF Plus Series

F-E Plus: M5-1/8-1/4-3/8-1/2  
 F-NSF Plus: 1/8-1/4



### Stainless steel fittings

AISI 316L stainless steel  
 M5-1/8-1/4-3/8-1/2



Fittings can be ordered from our commercial branches



### Special fittings DOT Series



