

TECHNICAL SPECIFICATION

Explosion Proof Pneumatic Solenoid Pilot – PEX and PXA



Product Description



Features



Construction



Dimensional Details



Spare Parts



PRODUCT DESCRIPTION

Mecair manufactures a complete range of explosionproof solenoid pilots for compressed air or inert gas, in the 2 or 3 way version (normally closed).

Bolts and screws are in stainless steel, gaskets are in NBR. Operating pressure range from 0 to 8 bar.

The explosion proof pilot is certified EEx d IIC T5 and is also waterproof IP67. It also conforms to CENELEC Ex - 93.C.119 and is Nema 4x, 7, 9 approved.



FEATURES

General Features

Fluids	Filtered, oil free air or inert gas
Pneumatic connections	1/4" Gas
Protection	IP67
Coil Insulation	Class H
Coil Temperature	-20°C/+80°C
Coil Voltage	24 V AC - 50 Hz 24 V AC - 60 Hz 110/220 V AC - 50/60 Hz 24/110 V DC
Enclosure	Explosion proof execution EEx d IIC T5. Conforming to CENELEC Ex - 93.C.119 Conforming to NEMA 4x, 7, 9 Regulations Orientable against the valve body
Electrical connection	R 1/2", for PEX R 1/2", for PXA
Pneumatic connection	1/4" gas
Cenelec certification	No. Ex - 93.C.119

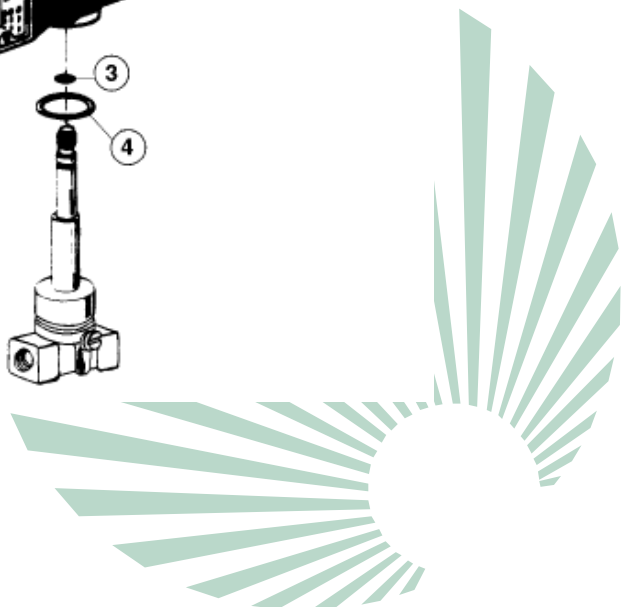
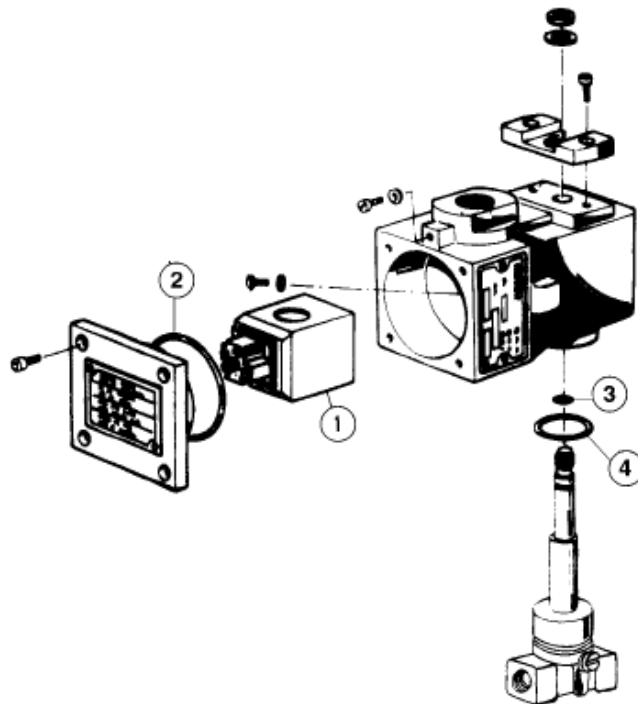
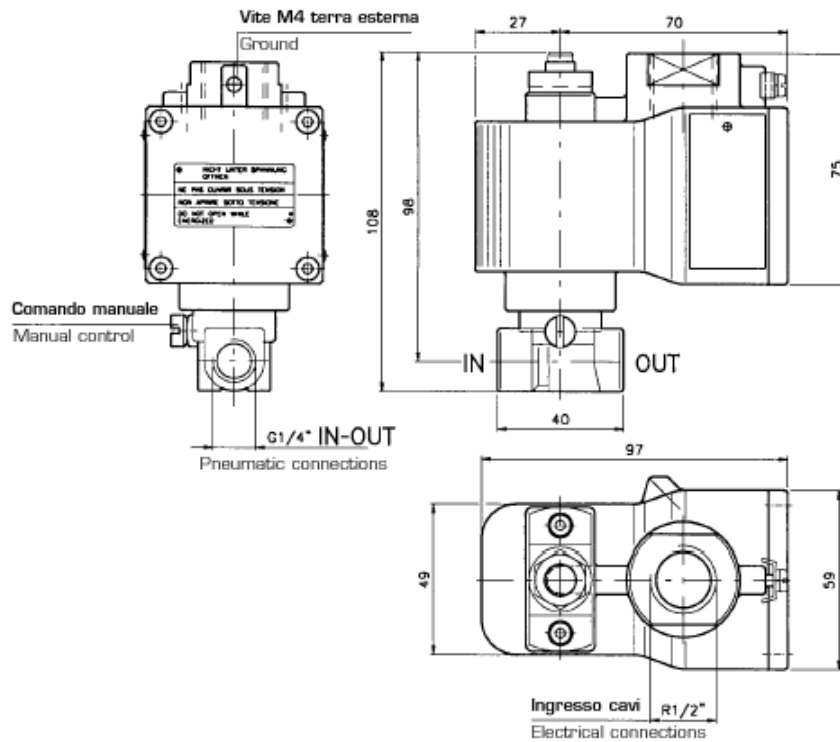


CONSTRUCTION

Model	No. Ways	Ø gas mm	Coil body	Pilot body	Weight kg
PEX42X	2	4	Stainless steel	Stainless steel	1,3
PEX42T	2	4	Stainless steel	Nickel plated brass	1,3
PEX43X	3	1.5	Stainless steel	Stainless steel	1,3
PEX43T	3	1.5	Stainless steel	Nickel plated brass	1,3
PXA42X	2	4	Anodized die-cast aluminium	Stainless steel	0,7
PXA42T	2	4	Anodized die-cast aluminium	Nickel plated brass	0,7
PXA43X	3	1.5	Anodized die-cast aluminium	Stainless steel	0,7
PXA43T	3	1.5	Anodized die-cast aluminium	Nickel plated brass	0,7



DIMENSIONAL DETAILS



SPARE PARTS

1. Solenoid SLB8
2. OR2187
3. OR2025
2. OR2100

