



MA-P-Exp Series

Pilot-operated Type

N.C.

Explosion-proof solenoid valve

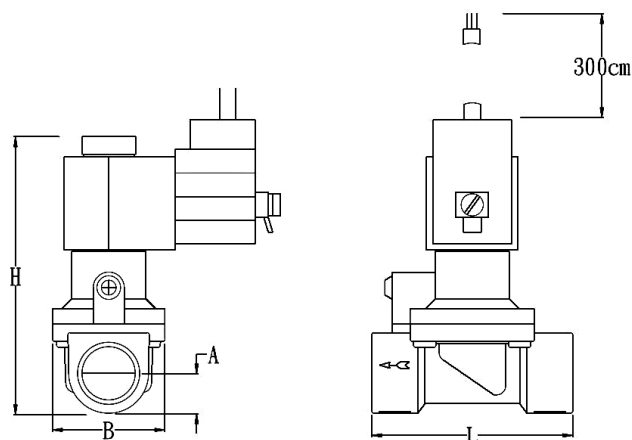
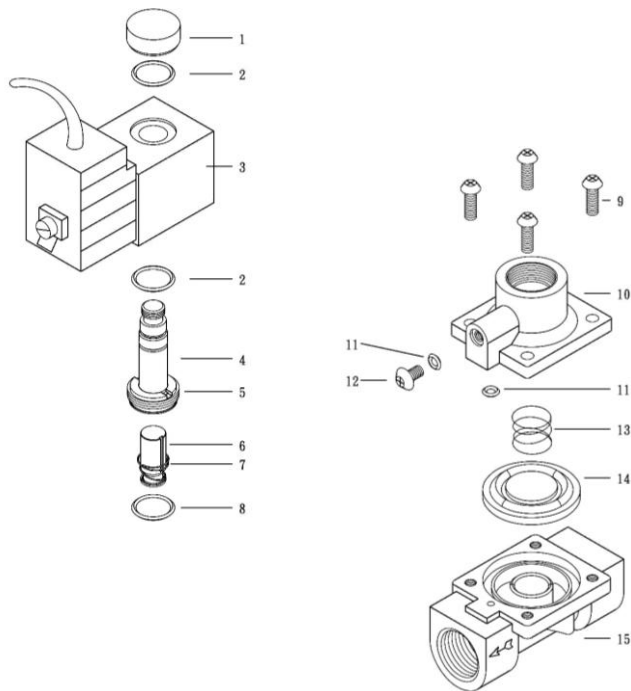
MA-P10~15-Ex is equipped with imported Italian explosion-proof coils, certified by ATEX and IECEx. This normally closed, pilot-operated diaphragm solenoid valve features connection sizes ranging from PT3/8" to 1/2".

Water

Air

Gas

Oil



Main Parts List

NO.	Descriptions	Material	NO.	Descriptions	Material
1.	Nut	Aluminum	9.	Bolt	SUS304
2.	O ring	NBR	10.	Valve bonnet	BSBF or SCS14
3.	Coil Ass'y		11.	O ring	NBR EPDM Viton
4.	Plunger's Tube	SS304, KM-31	12.	Screw	SUS304
5.	Plunger's Tube Nut	Zn	13.	Diaphragm spring	SUS304
6.	Plunger	KM-31	14.	Diaphragm	NBR EPDM Viton
7.	Plunger spring	SUS304	15.	Valve body	BSBF or SCS14
8.	O ring	NBR EPDM Viton			

Common Specification

Item	Description
Fluid	Water, Air, Gas, Oil
Fluid Temperature	-5 ~ 90°C
Power Source	AC 24, 110, 220, 380V 50/60Hz DC 12, 24V
Power Consumption	5.2W
Fluid Viscosity	< 50 cst
Installation	Vertical / Horizontal
Operation	Normally Closed
Coil type	Explosion proof coil

Model Type

MA - P ☐ ☐ - EXP

Series Size · 10 (3/8") · 15 (1/2")

Valve Specification

Model	Connection	Orifice (mm)	Cv Value	Operating Pressure (kgf/cm ²)		Dimension (mm)				Weight (g)
				Inert Gases	Water, Oil	L	H	B	A	
MA-P10-EXP	PT 3/8"	12	2.6	0.1 - 16	0.1 - 15	69	92	38	13.5	685
MA-P15-EXP	PT 1/2"									