



EMERSON ASCO SOLENOID VALVE SERIES L182

Diaphragm Pilot Operated Valve

L182 SERIES

General data ranges - Click To See All Part Number & Specific Data

- 2/2 Normally Closed G3/8, G1/2, G3/4, G1
- Full Orifice
- Suitable To Shut Off Liquid & Gaseous Fluids
- Operating Pressure Differential: Up To 16 Bar
- IP65, IP67



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Function	2/2, Normally Closed
Additional functions	Manual override
Connection	G3/8, G1/2, G3/4, G1
Electrical connection	DIN 46350 - 3 pole plug connector
Operating Pressure Differential	0.35 - 16 bar
Flow factor / flow coefficient	2.5 - 12 Kv
Coil type	ZB10A, ZB12A, ZB14A
Voltage / Frequency	24V/50Hz, 110V/50Hz, 230V/50Hz, 240V/50-60Hz, 12VDC, 24VDC
IP class	IP65, IP67

MATERIAL DATA

Material body	Brass
Sealing Options	EPDM, FKM, NBR
Material seat	Brass
Material of core tube	Stainless steel
Material internal parts	Brass, Stainless steel

Encapsulation material	Fiberglass reinforced PET, Fiberglass reinforced polyamide
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TEMPERATURE DATA

Temperature ambient from	-10 °C
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Temperature ambient to	75 °C
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Temperature of media from	-10 °C
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Temperature of media to	140 °C
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ADDITIONAL DATA

Power consumption	DC: 5.5W, holding 4W. AC: Inrush 12VA, holding 6VA
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Pressure max	20 bar
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Viscosity max	37 cSt
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Continuous duty	ED 100%
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Insulation class	F (155°C), H (180°C)
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