

Proximity Magnetic Sensors Level Magnetic Sensors ILM and ILC Series

CARLO GAVAZZI



- Spheric AISI 316 stainless steel housing
- NO, NC or CO output functions
- Silicone or PVC cable output connection
- Reversible output function by float overturning
- ILC: rod, contacts and float under specification of the customer

Product Description

The ILM models, made of stainless steel, are composed by a float sliding all along a rod. By a simple rod or float overturning it is possible to reverse the output function. The ILC models represent an extension of

the ILM type and are produced only upon request. The customer can specify the rod length (2.5 m max), the type, the number and the position of the contacts and the number of the floats.

Ordering Key

ILM S 2

Type _____
Output function _____
Reed contact type _____

Type Selection

Float diameter	Connection	Output function	Reference
Ø 53	Silicone cable L= 0.5m	NO, NC*	ILM 2
Ø 53	Silicone cable L= 0.5m	NO, NC*	ILM 8
Ø 53	Silicone cable L= 0.5m	CO	ILM S 2
Ø 53	Silicone cable**	CO	ILC

Diameters are specified in millimeters (mm)

*Reversible output function by float overturning

**Cable length according to customer request

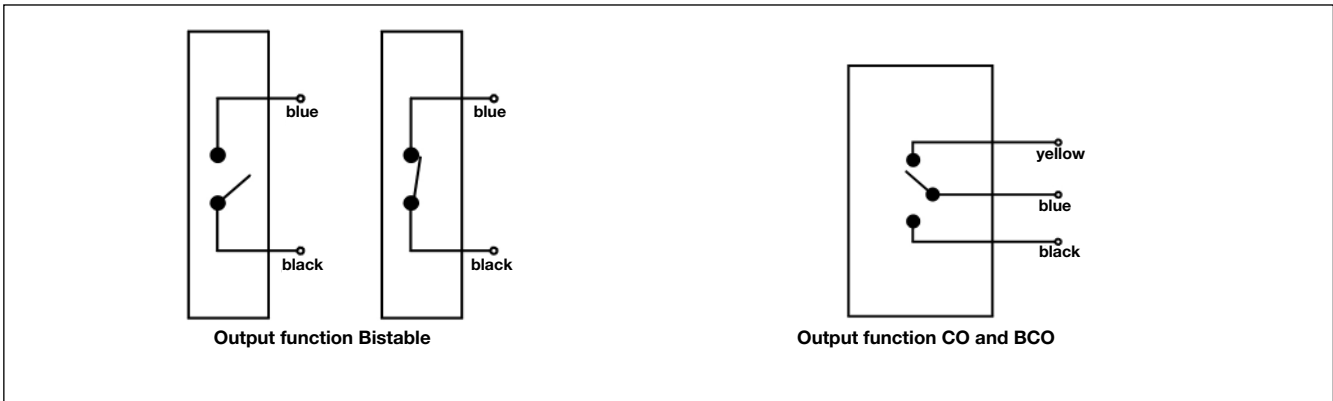
Output Specifications

Output ILM2, ILM8 ILMS2, ILC	NO, NC Change-over
Contact ratings Max Switching Voltage ILM2 ILM8 ILMS2	250 VAC 1500 VAC 220 VAC
Max Switching Current ILM2 ILM8 ILMS2	3 A 3 A 1 A
Max Switching Power ILM2 ILM8 ILMS2	100 VA 120 VA 60 VA

General Specifications

Ambient temperature Operating ILM2, ILM8 ILMS2, ILC	-25 to +120 °C -25 to +80 °C
Environment Degree of protection	IP 67
Float Diameter Material	Ø 53 mm AISI 316 stainless steel
Min liquid specific gravity	0.75 kg/dm ³
Max pressure	20 kg/cm ²
CE-marking	Yes

Wiring Diagrams



Dimensions

