

Proximity Magnetic Sensors Explosive Environment Level Sensors ILMS2 Series

CARLO GAVAZZI



- Spheric or cylindric AISI316 stainless steel housing
- CO output function
- Suitable for explosive environments



Product Description

The special constructive characteristics of these sensors make them suitable for explosive environments.

The sensors are certified according to the ATEX Directive 1994/9/EC.

Ordering Key

ILM S 2 S EX

Type _____
Output function _____
Reed contact type _____
Float type _____
Atex approval _____

Type Selection

Float diameter	Connection	Output function	Reference
Ø 53 (Spheric)	PVC cable, CEI 20/22 L= 2m	CO	ILM S 2 S EX
45 x 55 (Cylindric)	PVC cable, CEI 20/22 L= 2m	CO	ILM S 2 C EX

Diameters are specified in millimeters (mm)

Output Specifications

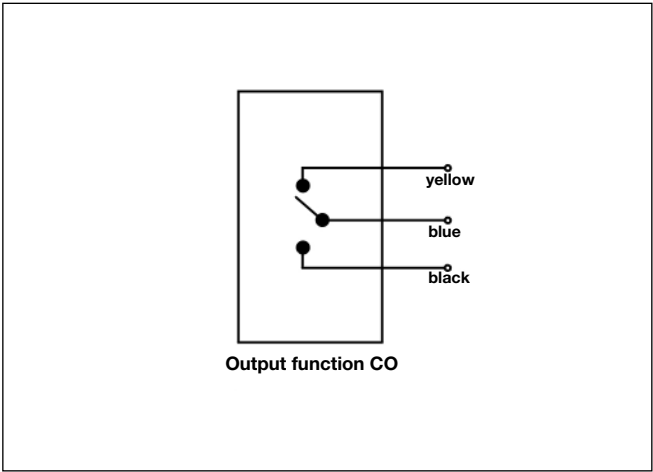
Output	Change-over
Contact ratings	
Max Switching Voltage	230 VAC
Max Switching Current	1 A
Max Switching Power	60 VA

General Specifications

Operating temperature	-20 to +60 °C
Degree of protection	IP 68 (cable output IP67)
Float	
Diameter	
ILMS2SEX	Ø 53 mm
ILMS2CEX	45 x 55 mm
Material	AISI 316 stainless steel
Shape	
ILMS2SEX	Spheric
ILMS2CEX	Cylindric
Min liquid specific gravity	0.75 kg/dm ³
Approvals	ATEX
CE-marking	Yes



Wiring Diagrams



Dimensions

