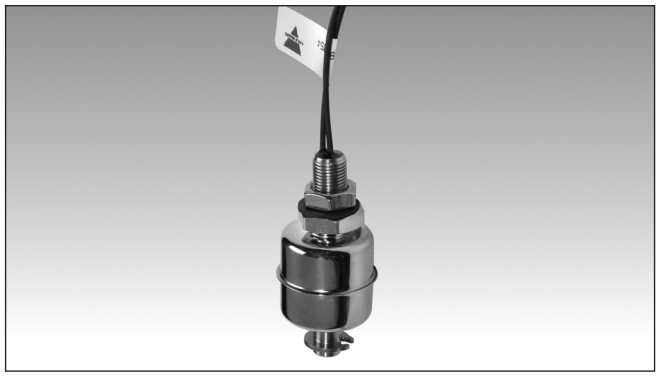
Proximity Magnetic Sensors
Level Magnetic Sensors
ILMM Series

CARLO GAVAZZI



- **Cylindrical AISI 304 or 316 stainless steel housing**
- **NO or NC output functions**
- **Reversible output function by float overturning**
- **XLPE cable output connection**
- **High temperature versions available**
- **Suited for use in corrosive environments**

Product Description

The stainless steel models can be used also in corrosive environments.
The micro level switches find their ideal application in food, chemical and oil industries.

The ILMM5S1 model is also available in S2 version with 1/8" gas thread.

Ordering Key

ILMM 5 S2 AT

Type
Reed contact type
Special version
Special application

Type Selection

Float diameter	Connection	Output function	Reference
Ø 28	XLPE cable L= 0.3m	NO, NC*	**ILMM 5**
Ø 28	XLPE cable L= 0.3m	NO, NC*	**ILMM 5 90**
Ø 28	TEFLON cable L= 1.1m	NO, NC*	**ILMM 5 AT S1**
Ø 28	TEFLON cable L= 0.3m	NC	**ILMM 5 S2 AT**
Ø 28	XLPE cable L= 0.3m	NC	**ILMM 5 S2**
Ø 28	XLPE cable L= 0.3m	NO	**ILMM 5 S1**

Diameters are specified in millimeters (mm)
***Reversible output function by float overturning**

Output Specifications

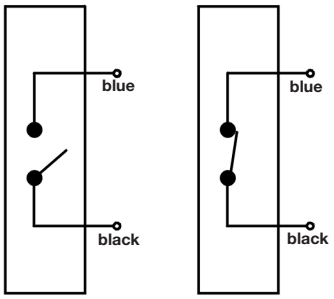
Output	
ILMM5, ILMM590, ILMM5ATS1	NO, NC
ILMM5S2AT, ILMM5S2	NC
ILMM5S1	NO
Contact ratings	
Max Switching Voltage	240 VAC, 220 VDC
Max Switching Current	0.5 A
Max Switching Power	50 VA

General Specifications

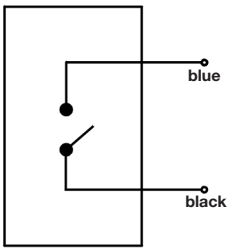
Operating temperature	
ILMM5, ILMM590	-10 to +120 °C
ILMM5ATS1, ILMM5S2AT	-10 to +200 °C
ILMM5S1, ILMM5S2	-20 to +120 °C
Degree of protection	IP 68 (cable output IP67)
Float	
Diameter	Ø 28 mm
Material	
ILMM5, ILMM590, ILMM5ATS1	AISI 304 stainless steel
ILMM5S2AT, ILMM5S1, ILMM5S2	AISI 316 stainless steel
Min liquid specific gravity	0.75 kg/dm^3
Max pressure	10 kg/cm^2
Special applications	
ILMM5ATS1, ILMM5S2AT	High temperature versions
CE-marking	Yes

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Sensoren

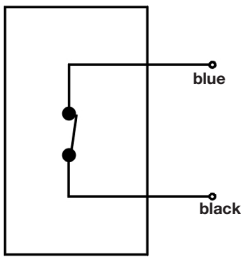
Wiring Diagrams



Output function NO or NC
ILMM5, ILMM590, ILMM5ATS1

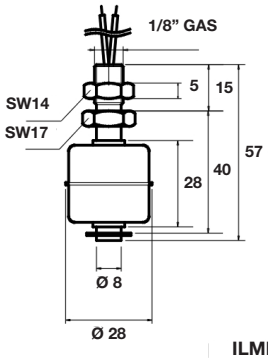


Output function NO
ILMM5S1

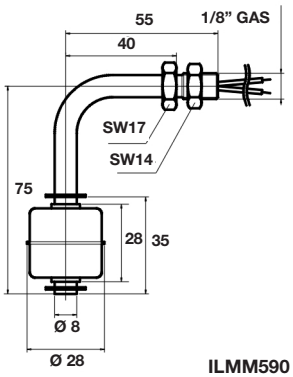


Output function NC
ILMM5S2, ILMM5S2AT

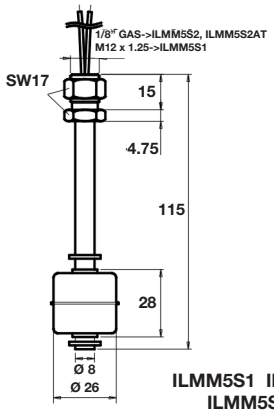
Dimensions



ILMM5 ILMM5ATS1



ILMM590



ILMM5S1 ILMM5S2
ILMM5S2AT

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