

Flux Sensors FLM Series

CARLO GAVAZZI



- M10 x 1 diameter
- Stainless steel body
- Temperature resistant plastic float
- NO output function
- Mechanical life 10^9 cycles
- Cable ended with Faston output connection

Product Description

The FLM.A.1/S1 sensor is a magnetic flux meter switch. To work correctly, the flux of the liquid material must push the float against the spring: when the flux is sufficiently high to move the float of a fixed distance from the seeger block, the sensor switches ON.

When the flux decreases, the spring pushes the float towards the seeger block and the contact switches OFF. All the materials (AISI 316 for the rod and the spring and plastic high temperature resistant material for the float) allow to use this sensor over a wide range of applications.

Ordering Key

FLMA.1/S1

Type _____
Output Function _____
Reed Contact Type _____
Special Version _____

General specification

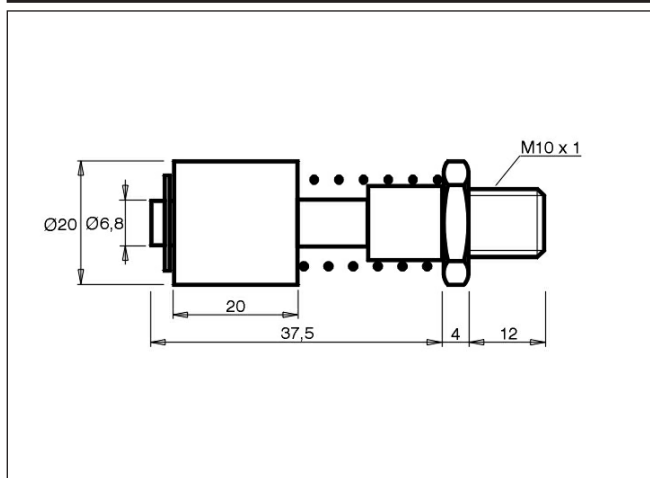
External dimensions	M10x1
Output function	NO
Operating distance	Don 5 mm
Release distance Doff	Don - 2 mm
Mechanical life	10^9 cycles @ no load
Electrical life	5×10^8 cycles @ low load
Case and spring	Stainless steel

Float	Temperature resistant plastic material
Protection degree	IP67
Operating temperature	-30 to +105 °C
Output connection	HT105 PVC Cable ended with 6.35 mm faston receptacle

Electrical specifications

Max switching voltage contact	200Vac
Max switching current contact	0,4 A
Max switching power contact	10 VA
Max carry current	0,75 A

Dimensions



Wiring Diagrams

