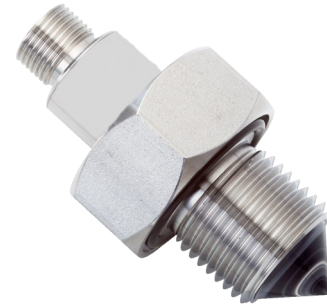


Level Sensor

MHF15



Features:

- Robust level monitoring in liquid without additional requirements
- Small, compact design, no medium calibration required
- Process temperature up to 55°C, process pressure up to 16 bar
- IP 67 and IP 69K enclosure rating
- Process connection G 1/2
- FDA-compliant, UL

Description:

The MHF15 is a compact optical level limit switch which is incredibly easy to commission. The sensor is based on SICK's energetic photoelectric proximity sensor technology, which has been tested and optimized over a number of decades. Thanks to this, the sensor design is simple, rugged, and reliable.

The use of high-quality materials such as stainless steel 1.4404 and polysulfone, combined with the housing in IP69K enclosure rating, provides reliability not only on the process side, but also in situations where there are adverse ambient conditions outside the tank.

Fast, hassle-free commissioning does not require medium calibration, reducing both commissioning costs and maintenance. The optical technology makes the MHF15 particularly suitable for use with water-based media.

Applications:

- Level monitoring in aqueous and water-based liquids
- Dry running protection for pumps
- Level control in cleaning systems flushing units

Technical Data Overview

Measurement principle	Optical level switch
Detection principle	Contact
Medium	Fluids
Measurement	Switch
Process temperature	-25°C... +55°C
Process Pressure	-0.5 bar... 16 bar
Output signal	1 X PNP / 1 X NPN

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521
www.ttelectronics.com | RoxspurSales@ttelectronics.com