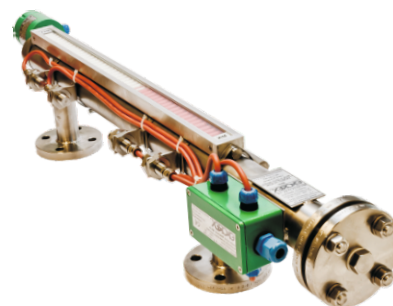


Application

Magnetic level indicators MIH are designed to measure level of liquids in storage tanks, including measuring in explosive environments. A bypass chamber is equipped with magnetic float. On the external side of chamber is red/white magnetic roller display and optional BVC magnetic reed level sensor with continuous electric output and/or several limit switches.



Functional description

- selectable measuring range
- local representation of level by roller display
- selectable BVC electrical continuous output
- selectable type of output signal
- optional limit bistable switches
- Exi version
- connection by two flanges by customer need

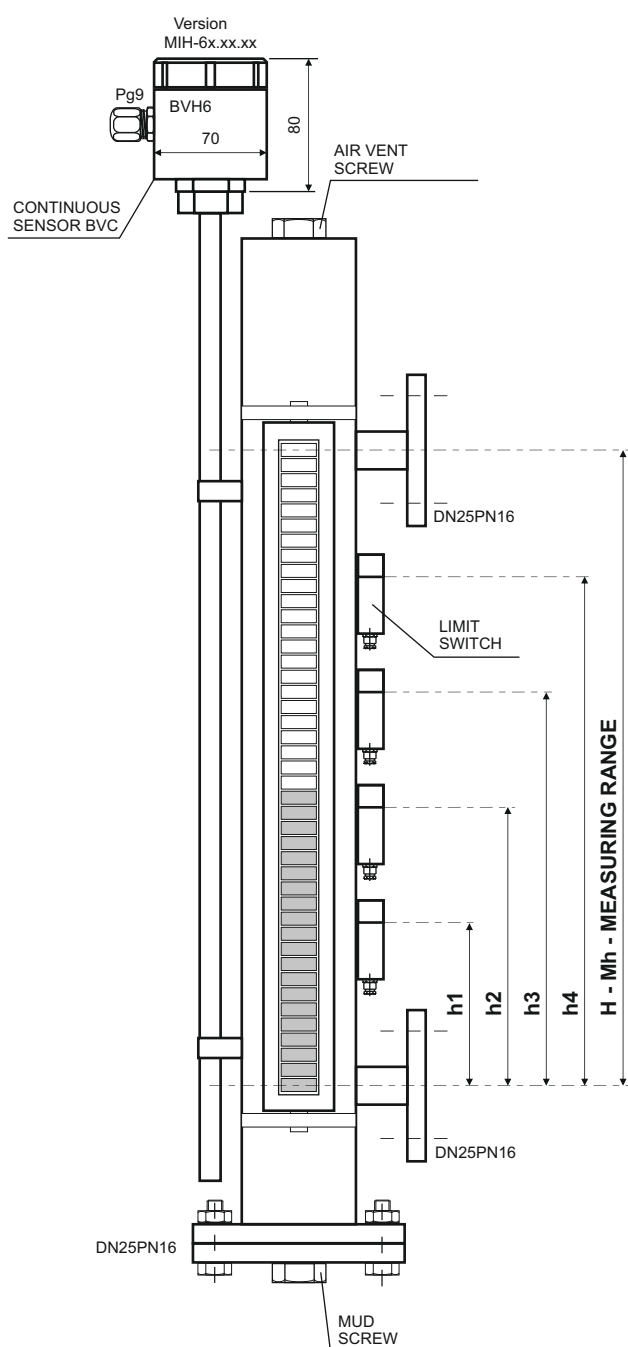
Technical data

- measuring range up to 5800 mm
- local representation by magnetic roller display
- BVC magnetic reed spacing 5, 10 or 20 mm
- output R/I 4-20 mA
R/U 0-10 V
- optional bistable limit switches
- material version SS
- floats for mass density of liquid from 0.7, PN16
- standard connection - flange DN25PN16
- temp. of the measured liquid -30 to 350°C
- temp. at the measurement point -30 to 105°C
- housing protection IP65/66

Certification

- EC declaration of conformity
- ISO9001/2016

Overall dimensions



Specification table

MIH-	X	X.	X	X.	X	X		
0							not equipped	only magnetic roller display - no electrical output
6							head type	BVH120070 - BVC electric continual output
9								according to the agreement
0.							not equipped	only magnetic roller display - no electrical output
1.							R07 (7mm)	magnetic reed spacing
2.							R10 (10mm)	
3.							R20 (20mm)	
0							not equipped	
9								according to the agreement
3.							standard environment	standard environment version
1							SS	material of wetted parts
9								according to the agreement
0							not equipped	only magnetic roller display - no electrical output
1							combo	limit microswitches, 4 to 20 mA two wire
2							combo	limit ms-common terminal, 4 to 20 mA two wire
4							output signal	4 to 20 mA, two wire
7							combo	2 bistable limit microswitches, 4 to 20 mA two wire
8							combo	4 bistable limit microswitches, 4 to 20 mA two wire
9								according to the agreement

Integral part of the order is also filled-in questionnaire available separately.

Specification table for Ex version

MIH-	X	X.	X	X.	X	X	Ex		
0								not equipped	only magnetic roller display - no electrical output
6								head type	BVH120070- BVC electric continual output
9									according to the agreement
0.								not equipped	only magnetic roller display - no electrical output
1.								R07 (7mm)	magnetic reed spacing
2.								R10 (10mm)	
3.								R20 (20mm)	
0								not equipped	
9									according to the agreement
1.								zone 1	Head version for zone 1 (Eexi built-in components are connected to external explosion proof equipment)
2.								zone 2	Head version for zone 2 (Eexi built-in components are connected to external explosion proof equipment)
1								SS	material of wetted parts
0								not equipped	only magnetic roller display - no electrical output
1								combo	limit microswitches, 4 to 20 mA two wire
2								combo	limit ms-common terminal, 4 to 20 mA two wire
4								output signal	4 to 20 mA, two wire
7								combo	2 bistable limit microswitches, 4 to 20 mA two wire
8								combo	4 bistable limit microswitches, 4 to 20 mA two wire
9									according to the agreement

Integral part of the order is also filled-in questionnaire available separately.

Schematic diagram

