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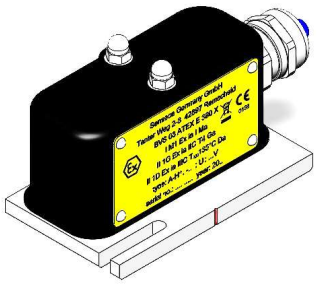
Switching head ATEX A-H1.2

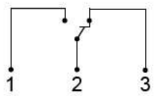


For devices:
- **HR1MV**
- **HR1MVO**

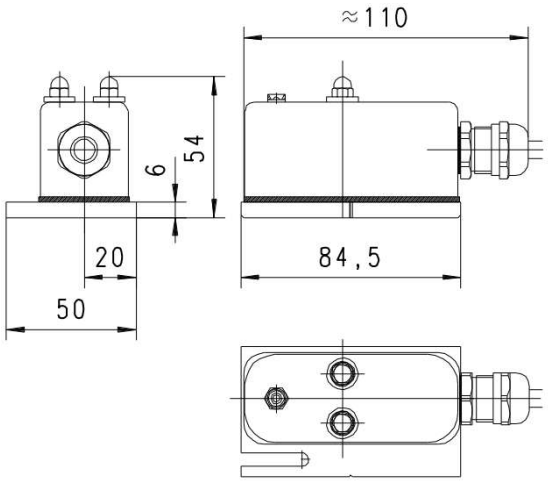
Characteristics

Intrinsically safe switching head with reed switch and ATEX approval BVS 03 ATEX E390 X for the HR1MV device series for use in intrinsically safe circuits.

Technical data

Switch	reed contact
Media temperature	-20...+120 °C
Ambient temperature	-20...+50 °C
Electr. connection	cable blue, 3-wire, numbered length 2.5 m or 5 m
Wiring diagram	SPDT no. 0.213 
Signal lamp	without
Switching voltage	max. 30 V
Switching current	max. 1 A
Internal capacity	negligible
Internal inductivity	negligible
Housing material	steel, black coated shifting plate: brass nickelled
Protection class	IP 65 according to industrial standard
Weight	0.5 kg
Labeling	I M1 Ex ia I Ma II 1G Ex ia IIC T4 Ga II 1D Ex ia IIIC T_{200}135°C Da

Dimensions



Instructions for handling and operation

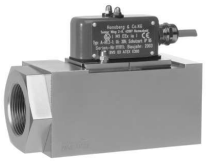
- For use only in intrinsically safe circuits – provide suitable isolating amplifiers
- Cable lengths max. 5 m
- It must be ensured that the specified values for voltage and current are not exceeded.
- A load must be connected in series when connecting the switch.
- The electrical specifications apply to resistive loads. Capacitive, inductive, and lamp loads must be operated with protective circuitry.

When used with HR1MVO

- The display contains plastic parts - do not open in an explosive atmosphere.

Adjustment

In the event of a required adjustment of the switching value, the switching head can be adjusted via a longitudinal adjustment. Upon reaching the switching value, the switching unit is fixed using a fastening screw.



Order information

The basic device (e.g. HR1MV-040GM060A) is ordered plus switching head ATEX A-H1.2.

Art. no.	Order designation	Version
489127	ATEX A-H1.2-489127	with cable, length 2.5 m
489128	ATEX A-H1.2-489128	with cable, length 5 m