

**Product information**

**Switching Head A-H4.1**

For devices MR1- HR2-  
 HD1- HD2-

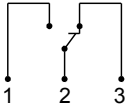


- I M1 Ex ia I Ma
- II 1G Ex ia IIC T4 Ga
- II 1D Ex ia IIIC T135° Da

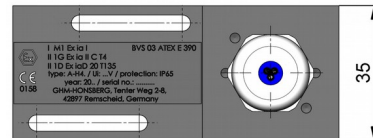
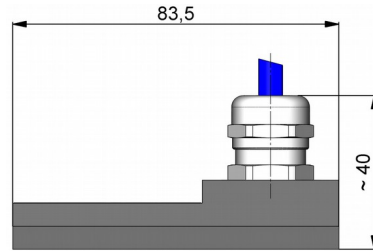
**Characteristics**

Intrinsically safe switching head with reed switch and ATEX approval, for the MR1/HD1/HD2/HR2, for use in intrinsically safe power circuits.

**Technical data**

Switch	Reed switch
Media temperature	-20..+120 °C
Ambient temperature	-20..+50 °C
Weight	0.1 kg additionally
Wiring	Transformer No. 0.213 
Switching voltage	max. 30 V
Switching current	max. 1.5 A
Switch performance	max. 50 W
Protection class	3 - Protective extra low voltage
Ingress protection	IP 65
Electrical connection	Cable 2.5 m, other cable lengths up to max. 5 m are optionally available

**Dimensions**



**Handling and operation**

**Note**

All

- For use only in intrinsically safe power circuits - Provide a suitable isolating amplifier.
- Cable lengths max. 5 m.
- It must be ensured that the values given for voltage, current, and power are not exceeded.
- When switched on, a load must be connected in series.
- The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.

**HD1KO-/ HD2KO**

- Display with plastic parts - do not open in an explosive atmosphere.

**Adjustment**

If it is necessary to set the switching value, the switching head can be adjusted lengthways. When the switching value is reached, the switching unit is fixed in place by a fastening bolt.



**Ordering code**

The basic device is ordered e.g. HD1K-015GM005A with switching head A-H4.1-1.

A-H4.1 -  1.

<b>1. Wiring</b>	
1	Wiring no. 0.213