GHM-HONSBERG

A-V1

Product Information

Switching Head A-V1

For devices VD-
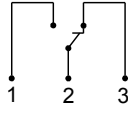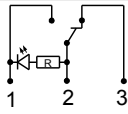
● **I M1 Ex ia I Ma**
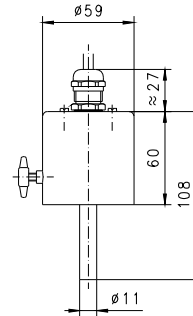● **II 1G Ex ia IIC T4 Ga**
● **II 1D Ex ia IIIC T135°C Da**

Characteristics

Intrinsically safe switching head with reed switch and ATEX approval, for the VD range of devices, for use in intrinsically safe power circuits.

Technical data

Switch	reed switch
Medium temperature	-20..+120 °C
Ambient temperature	-20..+50 °C
Weight	0.5 kg additionally
Without diode	
Wiring	changeover no. 0.213
Switching voltage	max. 30 V
Switching current	max. 1.5
Switching capacity	max. 50 W
With diode	
Wiring	changeover with diode no. 0.208
Switching voltage	max. 15 V, 28 V or 36 V
Switching current	max. 1.5 A
Switching capacity	max. 50 W
Protection class	3 - protective extra low voltage
Ingress protection	IP 65
Connection	cable 2.5 m, other cable lengths optionally available

Dimensions

Handling and operation

Note

● 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.

Adjustment

To adjust the switching point, the fixing screw for the switching head must be loosened. The switching head can then be rotated. Turning to the right increases the switching point, and vice-versa. Then retighten the fixing screw.

Ordering code

The base device is ordered, e.g. VD-015GR020A with switching head e.g. A-V1-1.

A-V1 - ☐ 1.

1.	Wiring - switching voltage	
	1	wiring no. 0.213 - 30 V
	2	wiring no. 0.208 - 15 V
	3	wiring no. 0.208 - 28 V
	4	wiring no. 0.208 - 36 V

Use for devices

Switching head	Device type
A-V1	VD-...

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