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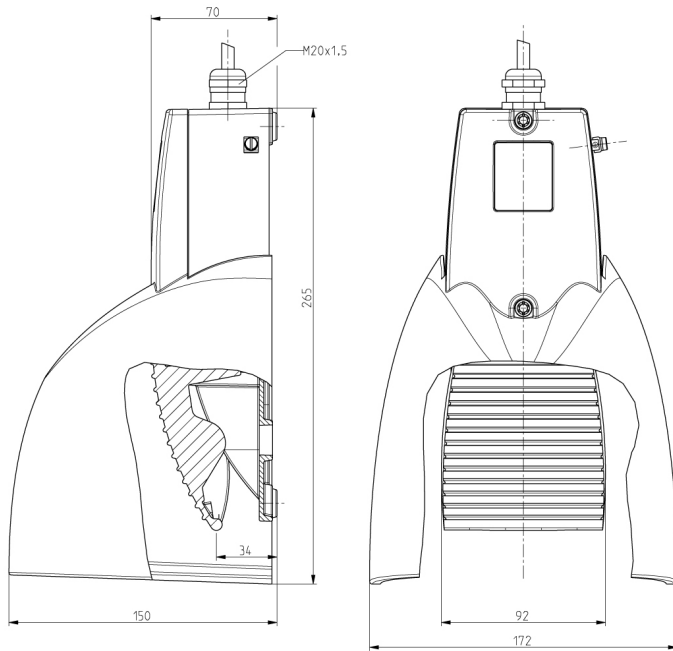
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## Ex GFSI Ex Foot Switches

### Features

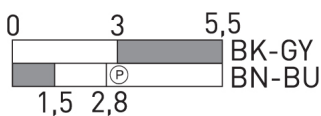
- Ex zone 1 and 21
- 1-pedal type
- Metal enclosure
- With protective shield
- Max. 2 contacts
- Low pedal height
- With pre-wired cable, cable length 3 m
- Available on request with special finish in RAL colour tones
- Special version only for dust Ex zone 22 available

*N.B.: Please state required approvals for Russia, China, Brazil and North America with your order!*

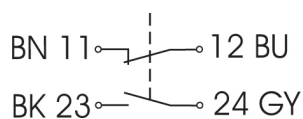


### Ordering Details

Slow action 1 NC/1 NO contact



### Contact Diagram



### Technical Data

Standards	EN 60947-5-1; EN 1088; EN 60079-0; EN 60079-1; EN 60079-31; EN ISO 13849-1
Enclosure	aluminium die-cast, enamel finish, RAL 5011
Pedal	aluminium die-cast, enamel finish, RAL 5011
Protective shield	aluminium die-cast, enamel finish, RAL 2004
Connection	cable H05VV-F, 3 or 4 x 0.75 mm <sup>2</sup> (incl. conductor ferrules)
Cable length	3 m
Contact material	silver
Degree of protection	IP 65 to IEC/EN 60529
Switching system	Ex GFSI: slow action type Zb: 1 NC/1 NO contact with double break, positive-break NC contact Ex GFSIM: snap action type C: change-over contact with single break, Ex GFSIM 1Ö/1S: snap action type Za: 1 NC/1 NO contact with double break
Switch insert	slow action Ex GFSI: type Zb: Ex 14 snap action Ex GFSIM: type C: ExM 14, type Za: ExM 14 1Ö/1S
B10d (10 % Load)	Ex GFSI: 2 million
TM	Ex GFSI: max. 20 years
Utilisation category	AC-15, DC-13
I <sub>e</sub> /U <sub>e</sub>	Ex GFSI: 6 A/250 VAC; 0.25 A/230 VDC Ex GFSIM: 5 A/250 VAC; 0.16 A/230 VDC Ex GFSIM 1Ö/1S: 5 A/250 VAC; 0.2 A/230 VDC
Max. fuse rating	Ex GFSI: 6 A gG/gN fuse Ex GFSIM: 5 A gG/gN fuse
Ambient temperature	T6: -20 °C ... +60 °C, T5: -20 °C ... +75 °C
Mechanical life	> 1 million operations
Ex marking	⊕ II 2G Ex d IIC T6/T5 Gb, ⊕ II 2D Ex tb IIIC T80 °C/T95 °C Db IP65; IECEX Ex d IIC T6/T5 Gb, Ex tb IIIC T80 °C/T95 °C Db IP65
Approvals	Ex GFSI: PTB 11 ATEX 1002 X; IECEX PTB 11.0090X



Errors and omissions excepted