



## Ex foot switch

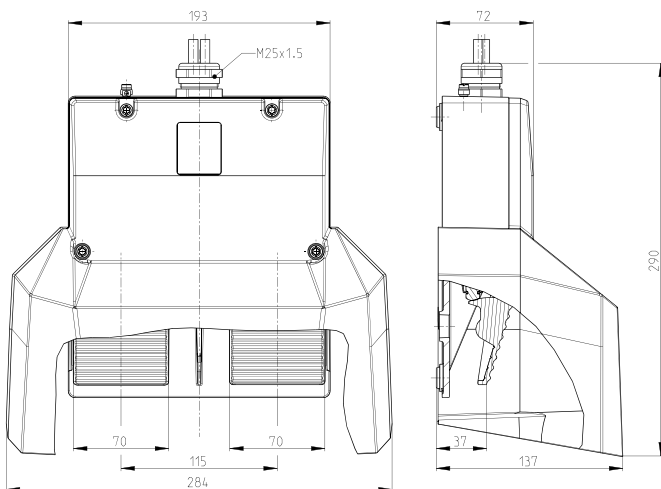
Ex GFS 2 1ÖS/1ÖS - 3m

Material number: 1048847 (Material number old: 82205201)

### Features/Options:

- Ex zone 1 and 21
- 2-pedal type
- Metal enclosure
- With protective shield
- Low pedal height
- With pre-wired cable
- Attention: Please state required international approvals with your order!

### Dimensions



### Technical data

Applied standards	EN 60947-5-1, EN 60079-0, EN 60079-1, EN 60079-31, EN ISO 13849-1
Enclosure	aluminium die-cast, powder-coated
Pedal	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Protective shield	aluminium die-cast, powder-coated
Degree of protection	IP 65 to IEC/EN 60529
B <sub>10d</sub> (10 % load)	2 million
T <sub>M</sub>	max. 20 years
Connection	pre-wired cable H05VV-F
Cable cross-section	4 x 0.75 mm <sup>2</sup> (incl. conductor ferrules)
Cable length	3 m
Contact material	silver
Switching system	slow action, positive break NC contacts ⊖
Switching elements	1 NC/1 NO contact, type Zb
Switch insert	1 x Ex 14 per pedal
Utilisation category	AC-15; DC-13
Rated operating current/voltage I <sub>e</sub> /U <sub>e</sub>	6 A/250 VAC; 0.25 A/230 VDC
Short-circuit protection	6 A gG/gN fuse
Ambient temperature	T6: -20 °C ... +60 °C, T5: -20 °C ... +75 °C
Mechanical life	> 1 million operations
Impact energy	max. 7 J

Errors and omissions excepted.



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### 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

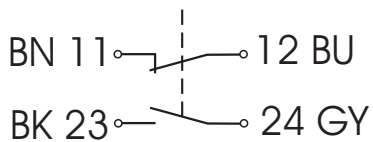
PTB 11 ATEX 1002 X  
IECEX PTB 11.0090X



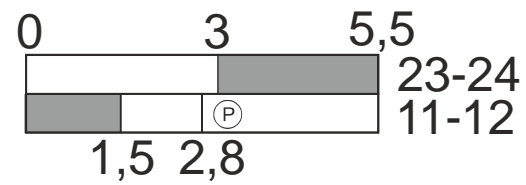
### Weight

3240 g

## Contact diagram



## Switching diagram



Ⓟ Positive break travel/angle