



Ex foot switches

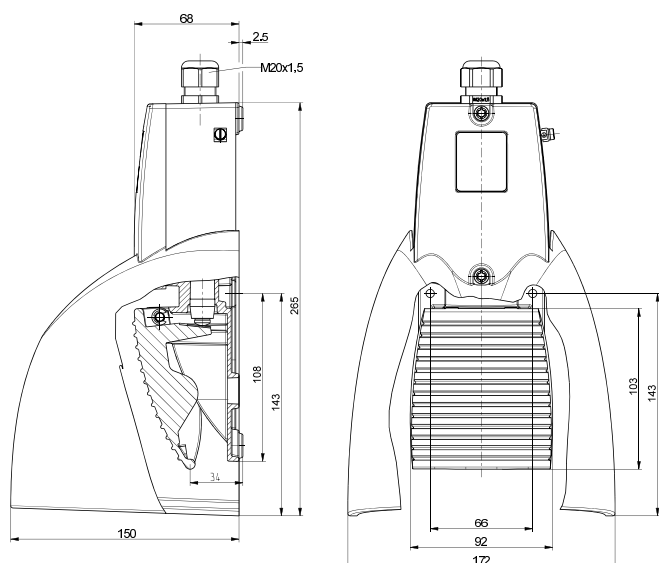
Ex GFSI 10/1S -40°C ... +55°C IP66/67 Extreme

Material number: 1296855

Features/Options

- Ex zone 1 and 21
- 1-pedal type
- Corrosion-resistant aluminium enclosure
- With protective shield
- Salt-mist spray test to DIN EN ISO 9227
- High degree of protection IP 66 / IP 67
- Temperature resistant from -40 °C to +55 °C
- Screws and metal parts made of stainless steel
- Wiring compartment
- Low pedal height

Dimensions



Technical data

Standards

EN 60947-5-1; EN 60079-0,
EN 60079-1, EN 60079-7,
EN 60079-31, EN ISO 13849-1

Enclosure

Corrosion-resistant aluminium,
powder-coated,
similar to RAL 7016 and RAL 1003

Pedal

Corrosion-resistant aluminium,
hard- and powder-coated, similar
to RAL 7016

Connection

screw connection terminals
max. 2.5 mm² (incl. conductor
ferrules)

Cable cross-section

IP 66/67 to IEC/EN 60529

Degree of protection

silver

Contact material

slow action, positive break NC

Switching system

contacts ⊖

Switching elements

1 NC/1 NO contact, type Zb

B_{10d} (10 % Load)

2 million

T_M

max. 20 years

Utilisation category

AC-15; DC-13

I_e/U_e

5 A/250 VAC; 0.2 A/230 VDC

Max. fuse rating

5 A gG/gN fuse

Ambient temperature

T₆: -40 °C ... +55 °C

Mechanical life

> 1 million operations

Impact energy

max. 7 J

Ex marking

⊕ II 2G Ex de IIC T₆ Gb,

⊕ II 2D Ex tb IIIA T₈₀°C Db

IECEx Ex de IIC T₆ Gb,

Ex tb IIIA T₈₀°C Db

Approvals

PTB 15 ATEX 1010

IECEx PTB 15.0035



Errors and omissions excepted.

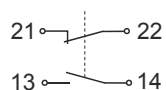


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Contact diagram



Switching diagram

