



- Aluminium enclosure, powder-coated
- 1-pedal
- Available with or without protective collar
- Ergonomic pedal shape
- Wide cover opening width
- With connection chamber

MY R. STAHL GFIA



Ex foot switches are used on all machines and systems where manual actuation is not possible or feasible. All Ex foot switches from Series Ex GFS have a protective collar to prevent them being accidentally actuated by falling objects.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table						
Version		Without protective collar				
ATEX gas explosion protection		Ⓜ II 2 G Ex d IIC T6 Gb				
ATEX dust explosion protection		Ⓜ II 2 D Ex tb IIIA T80 °C Db				
Figure	Enclosure material	Switching function	Contacts	Product Type	Art. No.	Weight
	Corrosion-resistant aluminium, powder-coated	Slow-action contact	1 NC + 1 NO	Ex GFI	240446	1.2 kg
Version		With protective collar				
ATEX gas explosion protection		Ⓜ II 2 G Ex db eb IIC T6 Gb				
ATEX dust explosion protection		Ⓜ II 2 D Ex tb IIIA T80 °C Db				
Figure	Enclosure material	Switching function	Contacts	Product Type	Art. No.	Weight
	Aluminium die-casting, painted Corrosion-resistant aluminium, powder-coated	Slow-action contact	1 NC + 1 NO	Ex GFSI	240443	1.2 kg

Technical Data	
Electrical Data	
Rated operational voltage DC	230 V
AC operating voltage (equal potential)	500 V
AC operating voltage (unequal potential)	250 V
Electrical service life	Max. 10 ⁶ operating cycles
Mechanical service life	Max. 10 ⁶ operating cycles
Ambient Conditions	
Ambient temperature	-40 °C ... +70 °C (For T6)

Technical Data

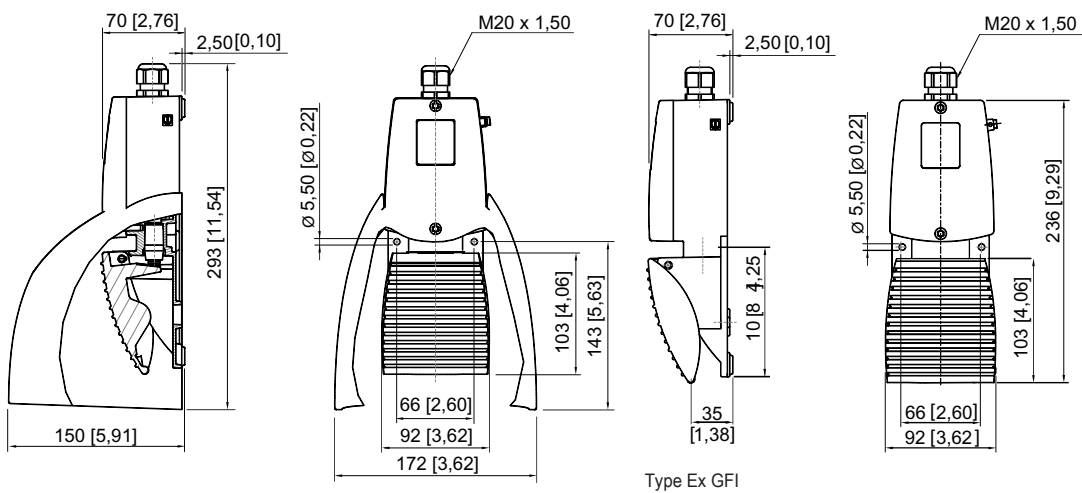
Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66/IP67
Cover material	Corrosion-resistant aluminium, powder-coated
Positive opening operation	Yes
Actuator	Pedal
Clamping range	4 ... 13 mm
Enclosure colour	Similar to RAL 7016

Components

Cable glands and entries	1 x M20 Ø 4 ... 13 mm
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Type Ex GFSI

Type Ex GFI