

## Ex foot switches

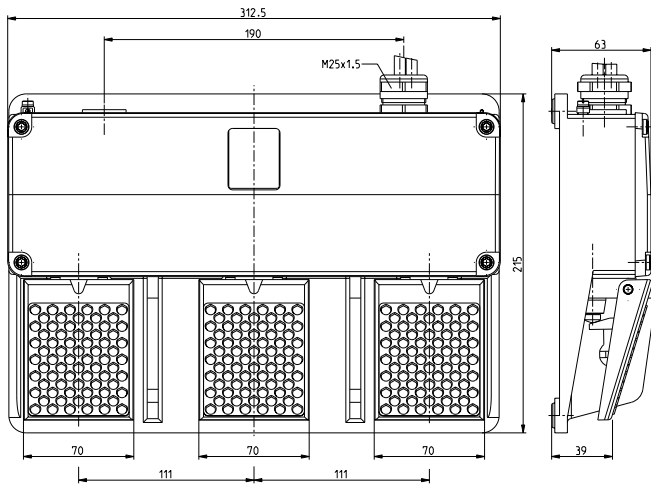
// Ex GFM 3 Order no.: 83110201

### Features/Options

- Ex zone 1 and 21
- Metal enclosure
- Low pedal height

- With pre-wired cable, cable length 3 metres
- N.B.: Please state required approvals for Russia and China with your order!

### Dimensions



### Technical data

#### Standards

EN 60947-5-1; EN 1088;  
EN 60079-0; EN 60079-1;  
EN 60079-31; EN ISO 13849-1

#### Enclosure

aluminium casting, enamel finish,  
RAL 5011

#### Cover

aluminium casting, enamel finish,  
RAL 5011

#### Pedal

glass-fibre reinforced  
thermoplastic

#### Connection

cable 3 x H05VV-F, 3 x 0.75 mm<sup>2</sup>

#### Cable length

3 m

#### Contact material

silver

#### Degree of protection

IP 65 to IEC/EN 60529

#### Switching system

snap action with single break

#### Switch insert

1 x ExM 14 per pedal

#### Utilisation category

AC-15; DC-13

#### I<sub>e</sub>/U<sub>e</sub>

5 A/250 VAC; 0.25 A/230 VDC

#### Max. fuse rating

5 A gL/gG D-fuse

#### Ambient temperature

T<sub>6</sub>: -20 °C ... +65 °C,  
T<sub>5</sub>: -20 °C ... +95 °C

#### Mechanical life

> 1 million operations

#### Ex marking

⊕ II 2G Ex d IIC T<sub>6</sub>/T<sub>5</sub> Gb,

⊕ II 2D Ex tb IIIC

T<sub>80</sub>°C/T<sub>95</sub>°C Db IP65;

IECEx Ex d IIC T<sub>6</sub>/T<sub>5</sub> Gb,

Ex tb IIIC T<sub>80</sub>°C/T<sub>95</sub>°C Db IP65

#### Approvals

PTB 11 ATEX 1002 X;

IECEx in 2011



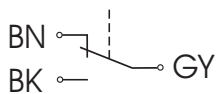
### Switching diagram

#### Snap action

1 change-over contact per pedal



### Contact diagram



Errors and omissions excepted.