

## Main

|                               |                           |
|-------------------------------|---------------------------|
| Range of product              | Harmony XPE               |
| Product or component type     | Foot switch               |
| Material                      | Metal                     |
| Foot switch type              | Single foot switch        |
| Device short name             | XPEM                      |
| Protective cover              | Without                   |
| Trigger mechanism             | Without trigger mechanism |
| Contacts operation            | 2 steps                   |
| Contacts type and composition | 2 NC + 1 NO               |
| Colour                        | Blue                      |

## Complementary

|                                        |                                                                                                                                                                                                                                                                    |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Positive opening                       | With , conforming to EN/IEC 60947-5-1 appendix K                                                                                                                                                                                                                   |
| Connections - terminals                | Screw clamp terminal , clamping capacity: $\leq 1 \times 2.5 \text{ mm}^2$ with or without cable end<br>Screw clamp terminal , clamping capacity: $\leq 2 \times 1.5 \text{ mm}^2$ with or without cable end                                                       |
| Cable entry                            | 2 tapped entries for Pg 16                                                                                                                                                                                                                                         |
| Marking                                | II2 D-Ex tD A21 IP65 T85°C                                                                                                                                                                                                                                         |
| Mechanical durability                  | 5000000 cycles                                                                                                                                                                                                                                                     |
| [Ie] rated operational current         | 0.27 A at 250 V DC-13 , Q300 conforming to EN/IEC 60947-5-1 appendix A<br>3 A at 240 V AC-15 , A300                                                                                                                                                                |
| [Ui] rated insulation voltage          | 300 V conforming to UL 508<br>300 V conforming to CSA C22-2 No 14<br>500 V , degree of pollution 3 conforming to EN/IEC 60947-1<br>500 V , degree of pollution 3 conforming to NF C 20-040 group C<br>500 V , degree of pollution 3 conforming to VDE 0110 group C |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1<br>6 kV conforming to IEC 60664                                                                                                                                                                                                  |
| Resistance across terminals            | $\leq 0.025 \text{ mOhm}$ conforming to IEC 60255-7 category 3<br>$\leq 0.025 \text{ mOhm}$ conforming to NF C 93-050 method A                                                                                                                                     |
| Short circuit protection               | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1<br>10 A cartridge fuse type gG conforming to VDE 0660-200                                                                                                                                               |
| Width                                  | 104 mm                                                                                                                                                                                                                                                             |
| Depth                                  | 172 mm                                                                                                                                                                                                                                                             |
| Height                                 | 59 mm                                                                                                                                                                                                                                                              |

## Environment

|                                       |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| Standards                             | ATEX D 94/9/CE<br>EN 50014<br>EN 50281-1-1<br>IEC 61241-0<br>IEC 61241-1 |
| Dust zone                             | Zone 21 - 22                                                             |
| Product certifications                | INERIS 04ATEX0025                                                        |
| Protective treatment                  | TC                                                                       |
| Ambient air temperature for operation | -20...60 °C                                                              |
| Ambient air temperature for storage   | -40...70 °C                                                              |
| Vibration resistance                  | 15 gn (f = 10...500 Hz) conforming to IEC 60068-2-6                      |

|                                            |                                                                         |
|--------------------------------------------|-------------------------------------------------------------------------|
| Shock resistance                           | 20 gn conforming to IEC 60068-2-27<br>150 gn conforming to NF E 09-031  |
| Class of protection against electric shock | Class I conforming to NF C 20-030<br>Class I conforming to EN/IEC 61140 |
| IP degree of protection                    | IP66                                                                    |
| RoHS EUR conformity date                   | 0852                                                                    |
| RoHS EUR status                            | Compliant                                                               |