**Vibration sensor SWEx**

ATEX vibration sensor for vibration monitoring on fans for applications in potentially explosive atmospheres.

Protection against permanent fan overload and unplanned standstills.

For connection to diagnostic electronics for vibration sensors.

Wide operating temperature range and high degree of protection for the requirements of harsh industrial environments.

Compact and robust stainless steel housing with high mechanical overload resistance.

Installation information

Do not mount the unit in the dust stream.

Avoid dust deposits on the units.

M8 x 1.25 fastening screw.

Safety instruction

The device must be connected to the external diagnostic unit via a certified safety barrier.

Special conditions for safe use for group II (dust): Place the free cable end (terminated) in an appropriately dust-proof housing.

Technical data

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| Article: | SWEx |
| Rated voltage: | 10 - 12 VDC |
| Imax: | 8 mA |
| Degree of protection: | IP 65 |
| Installation site: | directly on explosion-proof MAICO fans |
| Material: | Stainless steel |
| Colour: | Stainless steel |
| Weight: | 0,58 kg |
| Weight including packaging: | 0,68 kg |
| Cable length: | 10 m |
| Width: | 64,7 mm |
| Height: | 30 mm |
| Depth: | 25,5 mm |
| Width with packaging: | 270 mm |
| Height with packaging: | 210 mm |
| Depth with packaging: | 30 mm |
| Ambient temperature: | -55 °C up to 90 °C |
| EX designation in accordance with the ATEX Directive: | Ex II 1 G / Ex II 1 D |
| EX designation in accordance with standard: | II 1G Ex ia IIC T4 Ga (-55°C < Ta < +90°C) / II 1D Ex ia IIIC T110°C IP65 Da (-55°C < Ta < +90°C) |
| Temperature class: | T4 |
| Certified as explosion proof: | Baseefa12ATEX0248X / IECEx BAS 12.0133 X |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799573036 |
| Article number: | 0157.0303 |

Manufacturer: MAICO

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