**Universal Measuring Transducer**

**Special Features**
- For ARTIS sensors with ±10 V voltage interface
- Digital setting of amplification
- Graphic display for operation and sensor setting

Application example:
Together with an ARTIS sensor (with ±10 V voltage interface), the universal measuring transducer CFM-4 Contact may be operated in stand-alone mode or with the CTM Tool and Process Monitoring System. The following list of sensors serves as an example of compatible items: FLS flow sensors, pressure sensors, temperature sensors or any other sensor, which meets the requirements.
**Universal Measuring Transducer**

**CFM-4 Contact**

2 mounting holes Ø 4.5 mm

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**Dimensions**
- see drawing

**Weight**
- 395 g

**Material**
- Makrolon

**Degree of protection**
- IP20

**Control inputs**
- Tool Change: 24 V DC gain 4
- Operate: 24 V DC
- Rapid Feed: 24 V DC gain 2
- Reset: 24 V DC, low 0 – 5 V DC, high 14 – 28 V DC

**Switching outputs**
- Coll. 1 (Out1): collision alarm, open Coll.-output, 18 – 36 V, up to max. 150 mW
- Coll. 2 (Out2): material contact, open Coll.- output, 18 – 36 V, up to max. 150 mW

**Operation**
- via operation panel of the NC control using the ARTIS CTM menu

**Programmable analog gain**
- adjustable in 12 steps: 1, 2, 4, 8, 10, 20, 40, 80, 100, 200, 400, 800
- 1 – 80 External Mode (external setting)
- 1 – 8 Standard Mode (internal setting)

**Interface**
- ARTIS sensor bus ASB (RS485)

**Measuring inputs**
- ±10 V

**Frequency range**
- 0 – 1000 Hz

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For a full list of address locations, please consult the Marposs official website

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Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications. Marposs has further been qualified EAQP 94 and has obtained the Q1 Award.