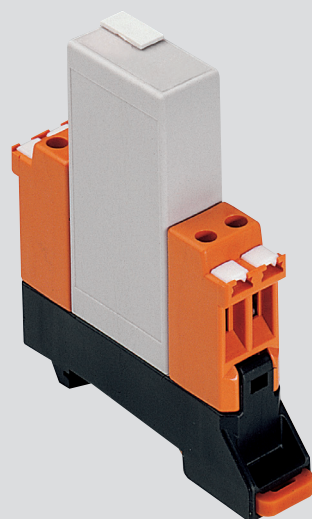


Measuring resistor

max. 0.8 W



For general use throughout the field of measuring and control engineering for hazardous areas (e. g. monitoring switching contacts, open circuit monitoring).

Explosion protection

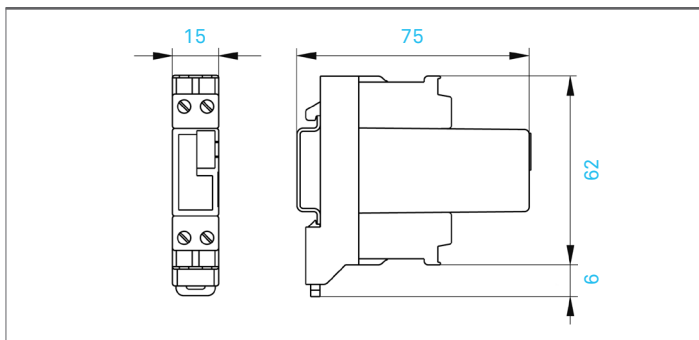
| | |
|--------------------|---|
| Marking ATEX | Ⓜ II 2G Ex db e IIC Gb Ⓜ I M2 Ex db e I Mb |
| Certification ATEX | PTB 98 ATEX 1010 U |
| Marking IECEx | Ex d e IIC Gb Ex d e I Mb |
| Certification | IECEx PTB 11.0086U |
| Marking CSA | Class I, Zone 1, IIC A/Ex d e IIC Gb |
| Certification | CSA 2011-2484303U |

Other approvals and certificates, see bartec.com

Technical Data

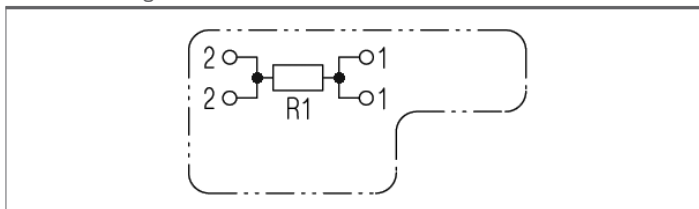
| | |
|----------------------|---|
| Enclosure material | High quality thermoplastic |
| Protection class | Module IP 66 EN/IEC 60529 Terminals IP 20 EN/IEC 60529 |
| Terminals | 2.5 mm ² , fine stranded |
| Mounting rail | TH 35 x 7.5 (15) EN/IEC 60715 |
| Terminal designation | written marking labels |
| Ambient temperature | -40 °C to +40 °C at T6 +40 °C to +60 °C at T4 |
| Storage temperature | -40 °C to +70 °C |
| Weight | 0.050 kg |

Dimensions



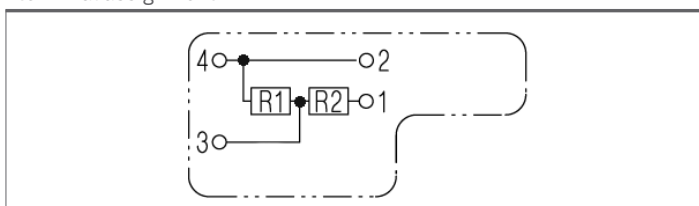
Wiring diagram 1

terminal assignment 1



Wiring diagram 2

terminal assignment 2



Ordering information

0 7 - 7 3 1 1 - 6 1 T W / A B 0 0

Complete order no. Please insert correct code.

| Resistor pairs | Spacing | Wiring diagram/ terminal assignment | Code AB |
|--------------------------------|--|--|-------------------|
| R1 10 kΩ ±1% R2 1 kΩ ±1% | $I_{max} = 6 \text{ mA}$ $I_{max} = 6 \text{ mA}$ | None | 2 00 |
| R1 3.3 kΩ ±1% R2 1.8 kΩ ±1% | $I_{max} = 8 \text{ mA}$ $I_{max} = 8 \text{ mA}$ | None | 2 01 |
| R1 4.7 kΩ ±5% | $I_{max} = 12 \text{ mA}$ | None | 1 02 |
| R1 120 Ω ±1% | $I_{max} = 60 \text{ mA}$ | None | 1 03 |
| R1 1 Ω ±5% | $I_{max} = 25 \text{ mA}$ | None | 1 04 |
| R1 250 Ω ±0,1% | $I_{max} = 50 \text{ mA}$ | None | 1 05 |
| R1 2 kΩ ±1% R2 1 kΩ ±1% | $I_{max} = 6 \text{ mA}$ | None | 2 06 |
| R1 249 Ω ±1% R2 100 Ω ±1% | $I_{max} = 50 \text{ mA}$ | None | 2 07 |
| R1 10 kΩ ±1% R2 2 kΩ ±1% | $I_{max} = 6 \text{ mA}$ $I_{max} = 6 \text{ mA}$ | None | 2 08 |
| R1 8.2 kΩ ±1% R2 1.5 kΩ ±1% | $I_{max} = 8 \text{ mA}$ $I_{max} = 19 \text{ mA}$ | None | 2 09 |
| R1 3.9 kΩ ±1% R2 6.8 Ω ±1% | $I_{max} = 10 \text{ mA}$ $I_{max} = 8 \text{ mA}$ | None | 2 10 |
| R1 22 kΩ ±1% R2 680 Ω ±1% | $I_{max} = 4 \text{ mA}$ $I_{max} = 28 \text{ mA}$ | None | 2 11 |
| R1 3.9 kΩ ±1% R2 3.9 kΩ ±1% | $I_{max} = 10 \text{ mA}$ $I_{max} = 10 \text{ mA}$ | None | 2 12 |
| R1 4.7 kΩ ±1% R2 4.7 kΩ ±1% | $I_{max} = 8 \text{ mA}$ $I_{max} = 8 \text{ mA}$ | None | 2 13 |
| R1 2.7 kΩ ±1% R2 10 kΩ ±1% | $I_{max} = 12 \text{ mA}$ $I_{max} = 6 \text{ mA}$ | None | 2 14 |