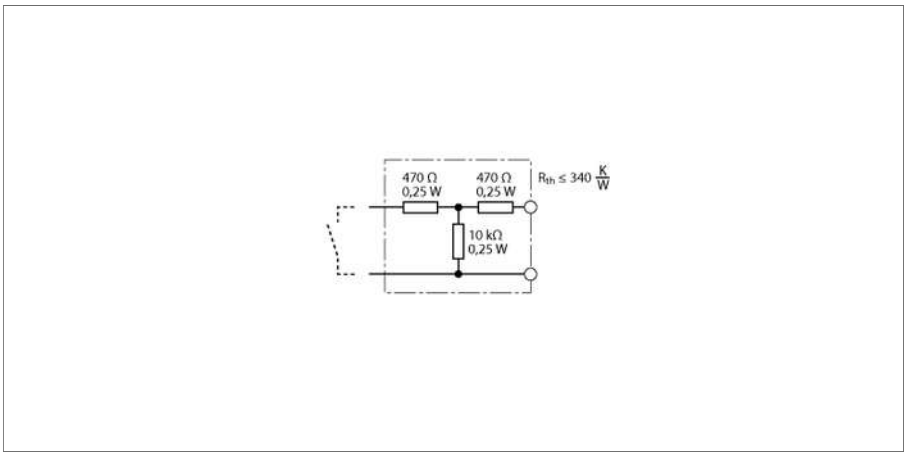
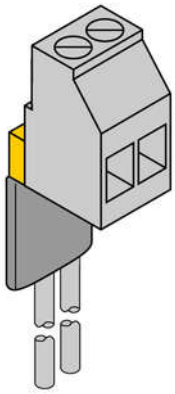
Accessories
WM1 WIDERSTANDSMODUL





The resistor module meets the requirements for line monitoring between a mechanical contact and a signal processor. The input circuit is designed for sensors according to EN60947-5-6 (NAMUR) and is equipped with a wire-break and short-circuit monitoring function.

The cable between the mechanical contact and the resistor module should be kept short because monitoring of this section is not possible.

The small housing form WM1 enables integration in most switching cabinets.

The connection is established on one side via the cable ends and on the other side via screw terminals.

In this way, the loose cable ends can be connected directly to the terminals of the mechanical switch and the cables coming from the TURCK signal processor to the screw terminals. There is no preference for an input or output due to symmetrical circuitry of the WM1.

The WM1 resistor module is designed for connection to TURCK signal processors.

The internal circuitry of the WM1 consists only of resistors and is classified as a simple operating resource according to EN 60070-14 (DIN VDE 0165-1) for which an approval is not required. It can therefore be installed in intrinsically safe circuits in Ex-areas.

- **Resistor circuitry with activated input circuit monitoring and connection of contacts**
- **Screw terminals up to 2.5 mm**

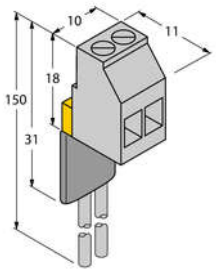
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Accessories
WM1 WIDERSTANDSMODUL

Type code	WM1 WIDERSTANDSMODUL
Ident no.	0912101
Ex approval acc. to conformity certificate	einfaches elektrisches Betriebsmittel nach EN60079-14, eine Zulassung ist nicht erforderlich
Max. input voltage U_i	≤ 15 V
Max. input current I_i	≤ 60 mA
Max. input power P_i	≤ 150 mW
Protection class	IP20
Ambient temperature	-40…+70 °C
Dimensions	11 x 10 x 150 mm
Weight	14 g
Housing material	polycarbonate/ABS
Terminal cross-section	2.5 mm²

Dimensions



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