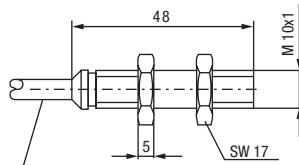


# Rohrschalter

## Cylindrical proximity switches

## Interrupteurs cylindriques

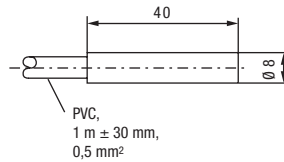
128 ...



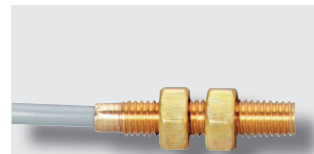
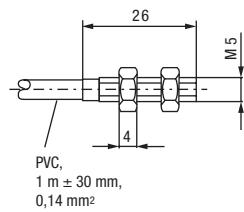
128 210: PVC, 1 m ± 30 mm, 0,25 mm<sup>2</sup>  
128 310: PVC, 1 m ± 30 mm, 0,5 mm<sup>2</sup>



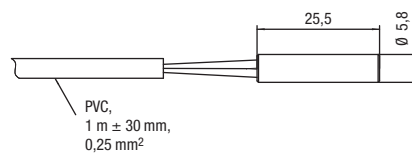
129 ...



133 ...



134 ...



| Typen Nr.<br>type no.<br>référence | Schaltspannung<br>switching voltage<br>tension de commut. | Schaltstrom<br>switching current<br>courant de commut. | Schaltleistung<br>switching power<br>pouvoir de coupure | Kontaktform*<br>contact form*<br>type de contact* |
|------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------|
| 128 210                            | max. 48 V                                                 | max. 0,5 A                                             | max. 10 W / 10 VA                                       | A                                                 |
| 128 310                            | max. 250 V**                                              | max. 1,0 A                                             | max. 20 W / 30 VA                                       |                                                   |
| 129 310                            | max. 250 V                                                | max. 1,0 A                                             | max. 20 W / 30 VA                                       |                                                   |
| 133 210                            | max. 48 V                                                 | max. 0,5 A                                             | max. 10 W / 10 VA                                       |                                                   |
| 134 213 DC10                       | max. 48 V                                                 | max. 0,5 A                                             | max. 10 W / 10 VA                                       |                                                   |

| Typen Nr.<br>type no.<br>référence | Schutzart<br>protection class<br>protection | Temperaturbereich<br>temperature range<br>plage de température | Material<br>material<br>matériaux |
|------------------------------------|---------------------------------------------|----------------------------------------------------------------|-----------------------------------|
| 128 210                            | IP 67                                       | -25...+75°C                                                    | Messing, brass, laiton            |
| 128 310                            |                                             |                                                                | PA                                |
| 129 310                            |                                             |                                                                | Messing, brass, laiton            |
| 133 210                            |                                             |                                                                | PBT                               |
| 134 213 DC10                       |                                             |                                                                |                                   |

\* A = Schließer, B = Öffner, C = Wechsler  
A = N.O., B = N.C., C = C.O.  
A = NO, B = NF, C = inverseur

\*\* Um den Berührungsschutz im Fehlerfall sicher zu stellen, sind die metallischen Gehäuseteile bei Betriebsspannungen über 48 V an das Schutzleitersystem anzuschließen (VDE 0100, [DIN EN 61140, VDE 0140-1]).  
To ensure protection against accidental contact, the metallic parts of the housing are to be connected to the protective conductor system for operating voltages greater than 48 V (VDE 0100, [DIN EN 61140, VDE 0140-1]).  
Pour garantir une protection contre les chocs électriques selon VDE 0100, [DIN EN 61140, VDE 0140-1] les parties métalliques des boîtiers doivent être raccordées à la terre lors de tensions d'alimentation supérieures à 48 V.