

Piston rod cylinders → Standard cylinders

# ★ ISO 15552, Series PRA & TRB

Accessories

## ★ Sensor, Series ST8

□ 8 mm groove □ with cable □ Plug, M8

(compatible with Series 523, not for new applications)



P322\_194\_11

Ambient temperature min./max.

-25°C / +75°C

Protection class according to EN 60529:2000

IP 67

Switching point precision [mm]

±0,1

Vibration resistance

10 - 55 Hz, 1,5 mm

Shock resistance

30 g

Materials:

Housing

Polyamide

Cable

Polyurethane

|            | Type of contact                    | cable length L | DC operating voltage Min./max. | Operational voltage AC Min./max. | DC switching current, max. | AC switching current, max. | Part No.                               |
|------------|------------------------------------|----------------|--------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------------------|
|            |                                    | [m]            | [V]                            | [V]                              | [A]                        | [A]                        |                                        |
|            | Reed                               | 0.3            | 10 / 30                        | 3 / 30                           | 0.1                        | 0,15                       | 2750111320                             |
|            | electronic PNP                     | 0.3            | 10 / 30                        | -                                | 0,15                       | -                          | 2750111120<br>2750123120<br>2750213120 |
|            | electronic NPN                     | 0.3            | 10 / 30                        | -                                | 0,15                       | -                          | 2750111220                             |
| Part No.   | Voltage drop U at I <sub>max</sub> |                |                                |                                  | Note                       |                            |                                        |
|            | [V]                                |                |                                |                                  |                            |                            |                                        |
| 2750111320 | I*Rs                               |                |                                |                                  | 2); 3)                     |                            |                                        |
| 2750111120 |                                    |                |                                |                                  | 4)                         |                            |                                        |
| 2750123120 | ≤ 2,0                              |                |                                |                                  | 1); 4)                     |                            |                                        |
| 2750213120 |                                    |                |                                |                                  | 4)                         |                            |                                        |
| 2750111220 | ≤ 2,0                              |                |                                |                                  | 4)                         |                            |                                        |

1) in accordance with EN 50082-2

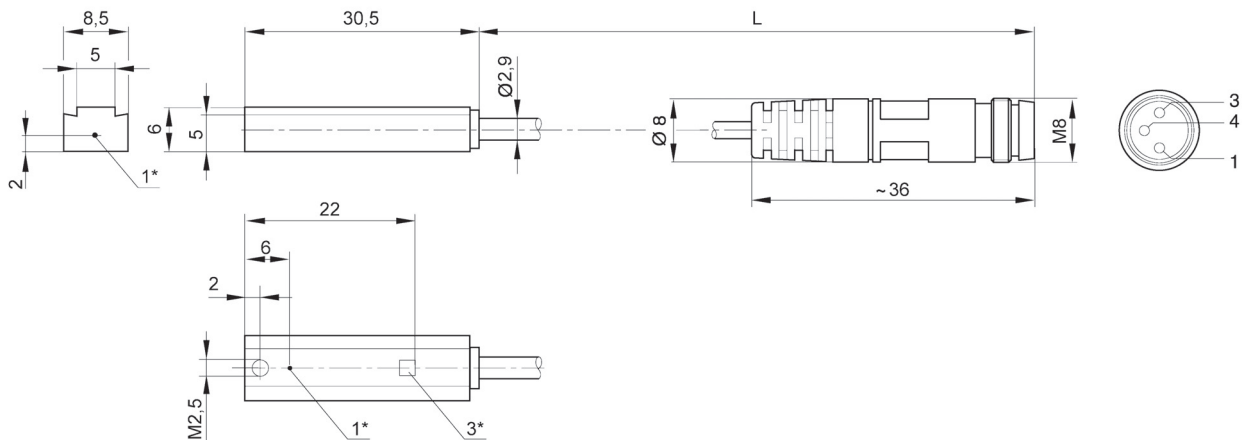
2) switching capacity: 3 W / 3 VA

3) short circuit protected

4) short circuit resistant; short circuit protected

interfaces: Plug; M8

## Dimensions



1\* = sensor element

3\* = LED

L = cable length

Pin assignment: 1 = (+), 3 = (-), 4 = (OUT), EN 60947-5-2:1998

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