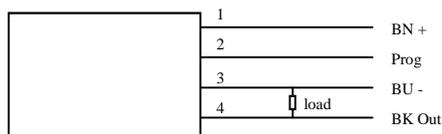


## Specifications: Electrical:

<b>Recommended power supply</b>	24V
<b>Rated operational voltage</b>	12 - 32VDC
<b>Ripple</b>	< 10%
<b>Rated output current</b>	< 200mA
<b>Supply current</b>	< 10mA
<b>Voltage drop</b>	< 2V at max load
<b>Protection</b>	Reverse polarity
<b>Power-up delay</b>	70mS
<b>Max distance</b>	> 4mm
<b>Assured min dist.</b>	0.5mm
<b>Repeat accuracy</b>	< 5%
<b>Hysteresis</b>	1 to 15%
<b>Ambient temperature</b>	
Operating	-25 to +70°C
Storage	-30 to +80°C
<b>EMC-protection</b>	EN61000-6-2 EN61000-6-3 IACS E10 EN60945

### PNP wiring diagram

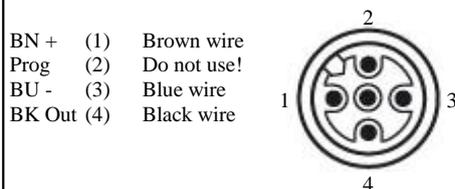
DC wiring - normally open



### Warning!

Do not connect pin 2 (Prog). It is reserved for programming.

### Electrical connector 4 poles, IEC 947-5-2



### Programming of threshold

There is a **Programming tool** available from **Tempress A/S**.

It is possible to program:

- Max distance
- Threshold

The detail instruction for programming is following the **Programming tool**.

If the threshold distance is too close to max distance you will get at warning. The warning is a flashing output signal.

The Indupec is preset to 3mm as standard. Other distance can be delivered by order.

## Specifications: Mechanical:

<b>Material</b>	Stainless steel (316)
<b>Body and house</b>	Al <sub>2</sub> O <sub>3</sub> (ceramic)
<b>Front</b>	3/8" BSP
<b>Treaded housing</b>	Doughty ring or similar
<b>Sealing</b>	
<b>Designed for pressure or</b>	
<b>Max. Allowable operating pressure:</b>	
(MAPO)static	=500 bar (50 Mpa)
(MAPO)dyn.	=400 bar (40 Mpa)
<b>Test pressure</b>	(TP) =600 bar (40 Mpa)

### Models:

Straight:



Angle:



Advantage:

- Lo build-in height
- The top can turn 355° around. Therefore it is possible to choose the optimal output angle for the connector

### Features:

- Mounting directly in oil port
- Detecting end position of piston
- Housing and detector unit is designed to separate without spillage of oil, if mechanical distortion should occur

# TEMPRESS

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