Specifications: **Electrical:**

Recommended power supply	24V
Rated operational voltage	12 - 36VDC
Ripple	< 10%
Rated output current	< 200mA
Supply current	<10mA
Voltage drop	<2V at max load
Protection	Reverse polarity
Power-up delay	70mS
Max distance	>4mm
Assured min dist.	0.5mm
Repeat accuracy	<5%
Hysteresis	1 to 15%
Ambient temperature	
Operating	-25 to +70°C
Storage	-30 to +80°C
EMC-protection	EN61000-6-2
	EN61000-6-3
	IACS E10
	EN60945

PNP wirering diagram
DC wiring– normaly open

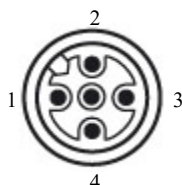|	
1	BN +
2	Prog
3	BU -
4	load / BK Out
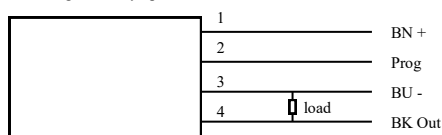
Warning!
Do not connect pin 2 (Prog). It is reserved for programming.

Electrical connector 4 poles, IEC 947-5-2

BN +	(1)	Brown wire
Prog	(2)	Do not use!
BU -	(3)	Blue wire
BK Out	(4)	Black wire

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:**

Material	
Body and house	Stainless steel (316)
Front	AI$_2$O$_2$ (ceramic)
Treaded housing	3/8" BSP
Sealing	Doughty ring or similar

Designed for pressure or
Max. Allowable operating pressure:

	(MAPO)static	=500 bar (50 Mpa)
	(MAPO)dyn.	=400 bar (40 Mpa)
Test pressure	(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