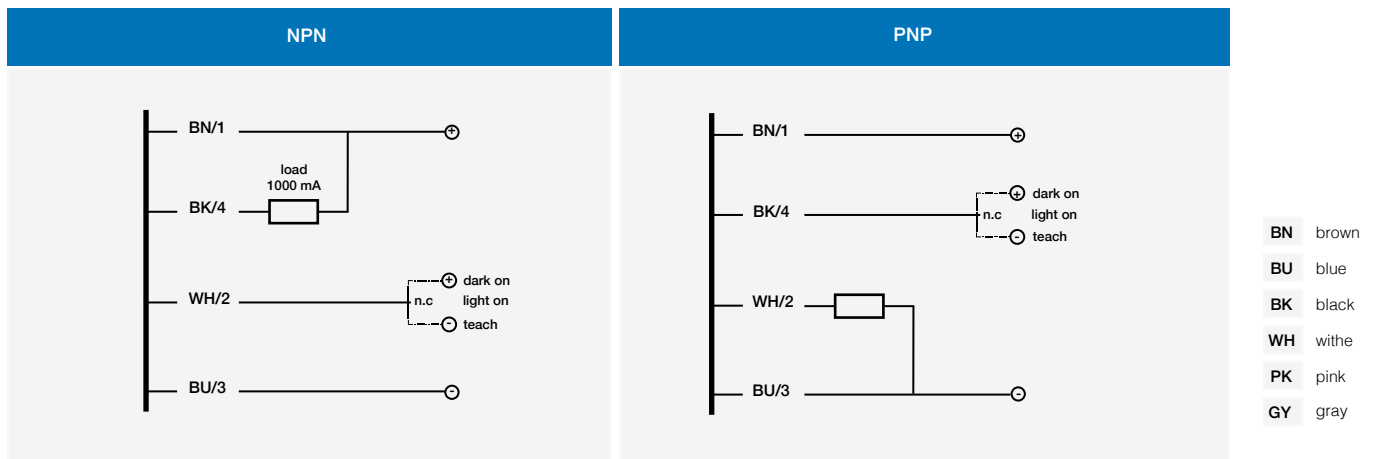




SSF/0*~**	
nominal sensing distance	depending on optical fibres
emission	red (660 nm)
tolerance	+ 15 %...- 5 %
differential travel	≤ 10 %
repeat accuracy	5 %
operating voltage	10...30 Vdc
ripple	≤ 10 %
load current	100 mA
no-load current	≤ 20 mA
leakage current	≤ 10 µA
output voltage drop	2 V max
output type	NPN or PNP - LO / DO selectable
switching frequency	800 Hz
power on delay	150 ms
power supply protections	polarity reversal, transient
output electrical protections	short circuit (autoreset)
temperature range	- 25°C...+ 70°C (without freeze)
temperature drift	10 % Sr
external lighth interference	3,000 lux (incandescent lamp) 10,000 lux (sunlight)
protection degree	IP67 (EN60529) ⁽¹⁾
LEDs	yellow
sensitivity adjustment	Teach-In
housing material	PBT (plastic), nickel-plated brass (metal)
optic material	depending on optical fibres
tightening torque	1 Nm (plastic housing), 25 Nm (metallic housing)
weight (approximate)	plastic version: 30 g connector / 100 g cable metallic version: 70 g connector / 130 g cable

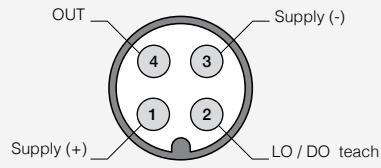
⁽¹⁾ Protection guaranteed only with plug cable well mounted

electrical diagrams of the connections



In case both dark on and remote teach in functions are necessary connect a pull up resistor of 2,2 kΩ between Wh/2 and Bn/1.

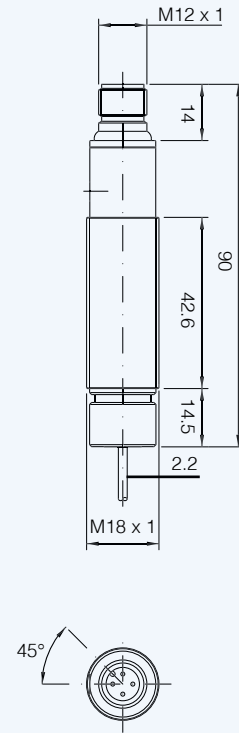
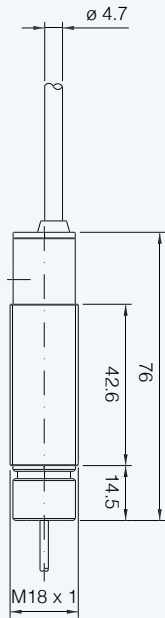
M12



dimensions (mm)

SSF/0*-*A

SSF/0*-*E



dimensions (mm)

accessories included in all plastic models

dimensions (mm)

accessories included in all metallic models

