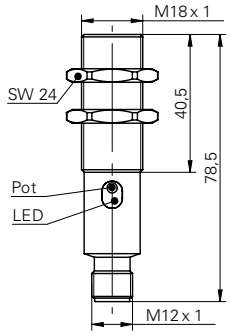
Capacitive proximity sensors

CFAM 18P1600/S14

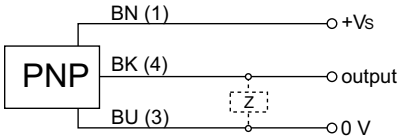
dimension drawing



photo



connection diagram



general data	
nominal sensing distance Sn	8 mm
nominal sensing distance Sn adjustable	2 ... 8 mm
mounting type	flush
GND electrode	yes
temperature drift	± 15 % (+10 ... +70 °C)
sensitivity adjustment	potentiometer, 12 turn
output indicator	LED yellow

electrical data	
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	20 mA
output circuit	PNP make function (NO)
output current	< 200 mA
voltage drop Vd	< 1,5 VDC
switching frequency	< 50 Hz
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
type	cylindrical threaded
housing material	brass nickel plated
dimension	18 mm
housing length	78,5 mm
connection types	connector M12

ambient conditions	
operating temperature	-25 ... +75 °C
protection class	IP 65

field of application	
detection of non-conductive media	yes
fill level detection through container	yes
liquids in direct contact	no
object detection / bulk goods	yes