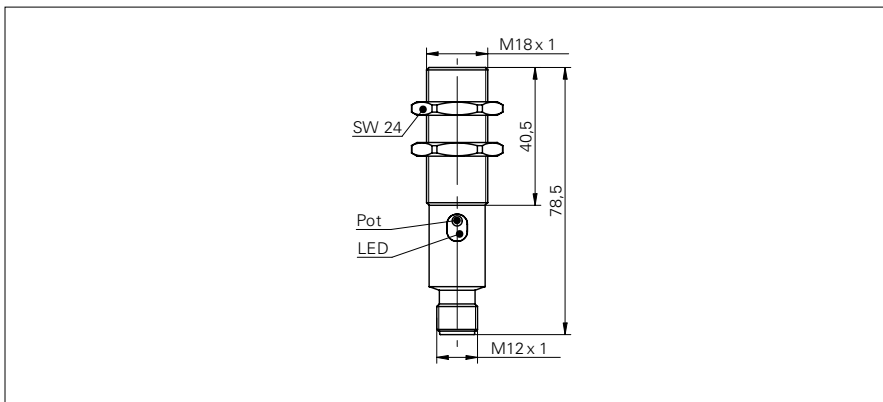


Capacitive proximity sensors

CFAM 18P1600/S14

dimension drawing



general data

mounting type	shielded
nominal sensing distance S_n	8 mm
nominal sensing distance S_n adjustable	2 ... 8 mm
temperature drift	$\pm 15\%$ (+10 ... +70 °C)
sensitivity adjustment	potentiometer
output indicator	LED yellow

electrical data

voltage supply range +Vs	10 ... 30 VDC
current consumption max.	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

photo



connection diagram

