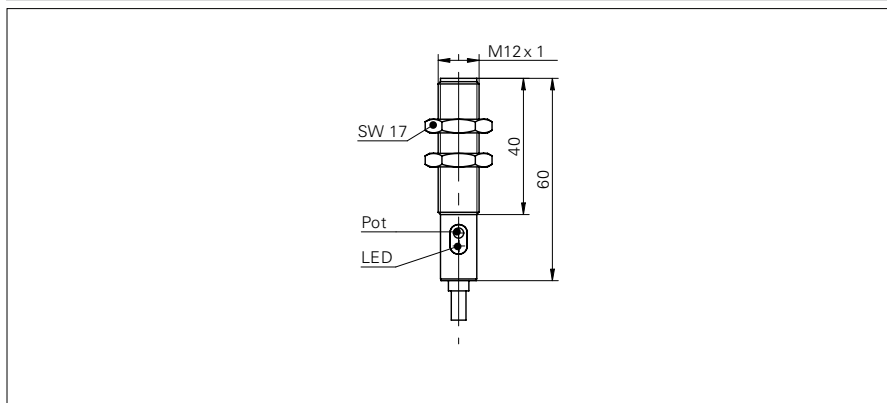


Capacitive proximity sensors
CFAK 12 (Sn = 4 mm)
sample drawing

general data

mounting type	shielded
nominal sensing distance Sn	4 mm
nominal sensing distance Sn adjustable	0,5 ... 4 mm
temperature drift	± 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 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	PBT
dimension	12 mm
housing length	60 mm
connection types	cable, 2 m

ambient conditions

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

order reference

CFAK 12N1600	NPN make function (NO)
CFAK 12N3600	NPN break function (NC)
CFAK 12P1600	PNP make function (NO)
CFAK 12P3600	PNP break function (NC)

output circuit
sample picture
