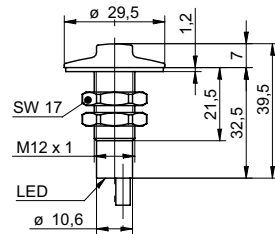


Capacitive proximity sensors

CFAK 12 (Sn = 0 mm)

sample drawing



general data

special type	liquid level sensor for wastewater
mounting type	unshielded
nominal sensing distance Sn	0 mm
temperature drift	± 20 %
sensitivity adjustment	no
output indicator	LED yellow

electrical data

voltage supply range +Vs	10 ... 30 VDC
current consumption max.	12 mA
output current	< 200 mA
voltage drop Vd	< 2,5 VDC
switching frequency	< 15 Hz
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
housing material	POM
material (screw nut)	POM
material (gasket)	EPDM50
dimension	12 mm
housing length	39,5 mm

ambient conditions

operating temperature	0 ... +50 °C
protection class	IP 67

order reference

output circuit

connection types

CFAK 12N1140/KS35L	NPN make function (NO)	flylead connector M8, L=200 mm
CFAK 12N1140/L	NPN make function (NO)	cable, 2 m
CFAK 12P1140/KS35L	PNP make function (NO)	flylead connector M8, L=200 mm
CFAK 12P1140/L	PNP make function (NO)	cable, 2 m

sample picture

