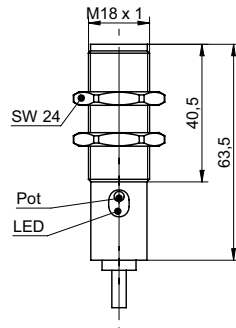


Capacitive Sensors

CFAK 18P3200

dimension drawing



general data

special type	liquid level sensor
mounting type	unshielded
nominal sensing distance S_n	15 mm
nominal sensing distance S_n adjustable	2 ... 15 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 break function (NC)
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	18 mm
housing length	63,5 mm
connection types	cable, 2 m

ambient conditions

operating temperature	-25 ... +75 °C
protection class	IP 67/65 (sensing face/sensor)

photo



connection diagram

