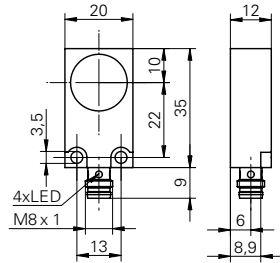


Capacitive Sensors

CFDM 20P3500/S35L

dimension drawing



general data

mounting type	shielded
nominal sensing distance S_n	5 mm
temperature drift	$\pm 15\%$ (+10 ... +70 °C)
sensitivity adjustment	no
output indicator	4 port LED

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	rectangular
housing material	brass nickel plated
dimension	20 mm
housing length	35 mm
connection types	connector M8

ambient conditions

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

photo



connection diagram

