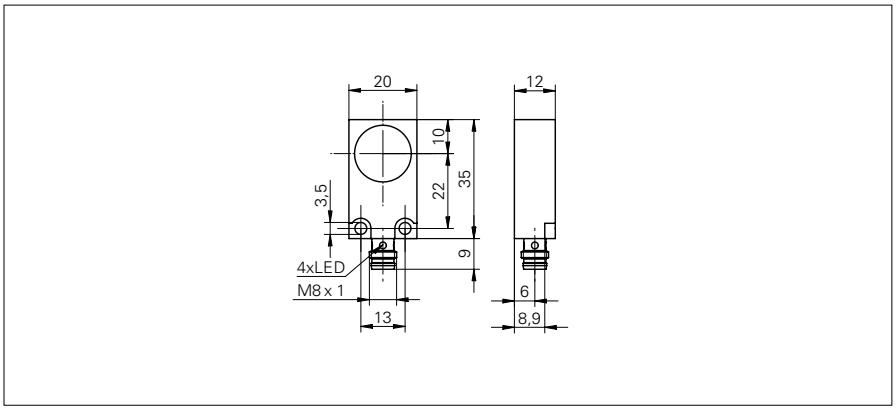
Capacitive proximity sensors

CFDM 20N1500/S35L

dimension drawing



general data	
nominal sensing distance Sn	5 mm
mounting type	flush
GND electrode	yes
temperature drift	± 15 % (+10 ... +70 °C)
sensitivity adjustment	no
output indicator	4 port LED

electrical data	
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	20 mA
output circuit	NPN 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	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

field of application	
detection of non-conductive media	yes
fill level detection through container	yes
liquids in direct contact	no
object detection / bulk goods	yes

photo



connection diagram

