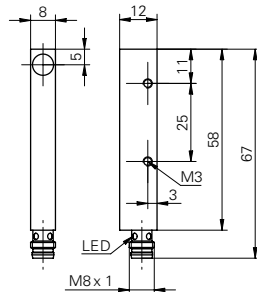


## Through beam sensors

FEDM 08

## sample drawing



## general data

type	through beam sensor
emitter / receiver	receiver
alignment / soiled lens indicator	flashing light indicator
light indicator	LED red
sensitivity adjustment	no
<b>actual range Sb = 0,7 m</b>	
nominal range Sn	1 m
<b>actual range Sb = 2,5 m</b>	
nominal range Sn	3 m

## electrical data

response time / release time	< 2,5 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	24 mA
current consumption typ.	24 mA
voltage drop Vd	< 2 VDC
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

## mechanical data

width / diameter	8 mm
height / length	58 mm
type	rectangular
housing material	aluminum anodized
front (optics)	PC

## ambient conditions

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

## sample picture



## Through beam sensors

## FEDM 08

order reference	actual range Sb	connection types	depth	output function
FEDM 08P1001	0,7 m	cable 3 pin, 2 m	12 mm	light operate
FEDM 08P1001/S35L	0,7 m	connector M8, 3 pin	12 mm	light operate
FEDM 08P1002	2,5 m	cable 3 pin, 2 m	15 mm	light operate
FEDM 08P1002/S35L	2,5 m	connector M8, 3 pin	15 mm	light operate
FEDM 08P3001	0,7 m	cable 3 pin, 2 m	12 mm	dark operate
FEDM 08P3001/S35L	0,7 m	connector M8, 3 pin	12 mm	dark operate
FEDM 08P3002	2,5 m	cable 3 pin, 2 m	15 mm	dark operate
FEDM 08P3002/S35L	2,5 m	connector M8, 3 pin	15 mm	dark operate