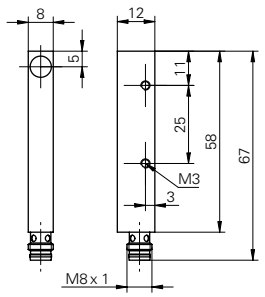
Through beam sensors

FSDM 08 (Emitter)

sample drawing



general data	
type	through beam sensor
emitter / receiver	emitter
light source	pulsed infrared diode
wave length	880 nm
actual range Sb = 0,7 m	
nominal range Sn	1 m
actual range Sb = 2,5 m	
nominal range Sn	3 m

sample picture

electrical data	
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	48 mA
current consumption typ.	17 mA
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

order reference	actual range Sb	connection types	depth
FSDM 08D9001	0,7 m	cable 3 pin, 2 m	12 mm
FSDM 08D9001/S35	0,7 m	connector M8, 3 pin	12 mm
FSDM 08D9002	2,5 m	cable 3 pin, 2 m	15 mm
FSDM 08D9002/S35	2,5 m	connector M8, 3 pin	15 mm