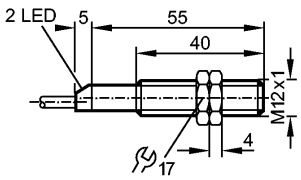
efector200

ifm electronic

Photoelectric sensors

OF5010

OFT-FPKG
Diffuse reflection sensor
Threaded type M12 x 1
Cable



Made in Germany

Range 1...200mm
(referred to white paper 200 x 200 mm)

Electrical design		DC PNP
Output		light-on / dark-on programmable
Light spot diameter	[mm]	92 (at maximum range)
Operating voltage	[V]	10...36 DC
Current rating	[mA]	200
Short-circuit protection		pulsed
Reverse polarity protection		yes
Overload protection		yes
Voltage drop	[V]	< 2.5
Current consumption	[mA]	< 30
Switching frequency	[Hz]	400
Type of light		Infrared light 880 nm
Ambient temperature	[°C]	-25...60
Protection		IP 67, II
EMC		EN 60947-5-2 EN 55011: class B
MTTF	[Years]	891
Housing materials		brass nickel-plated
Lens material		PMMA
Function display		
Switching status	LED	yellow
Operation	LED	green
Connection		PUR cable / 2 m; 3 x 0.34 mm²
Weight	[kg]	0.093
Accessories (included)		2 lock nuts

Wiring

Core colours
BN brown
BU blue
BK black



OF5010

Excess gain graphs

