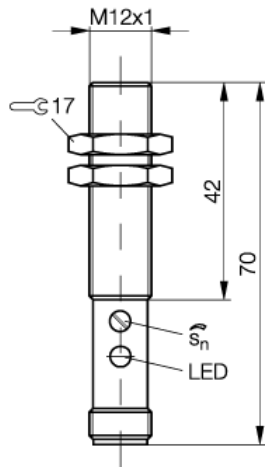


BOS 12M-PS-1PD-S 4-C

Photoelectric Sensors,
Diffuse

PNP
normally open

BALLUFF
sensors worldwide



PX1288

Electrical data:

Connection	connector S4 (M12)
Rated insulation voltage (Ui)	250 AC
Load capacitance max	1 µF
Switching output	PNP
Switching element function	normally open
Operating frequency (f)	200 Hz
supply current to max. at Ue	20 mA
Off Time delay	2,5 ms
On Time delay	2,5 ms
Rated operational voltage min.	10 V
Rated operational voltage max.	30 V
Ripple incl.	max. 10% from UB
Voltage drop Ud max. at Ie	2,5 V
no-load supply cur. emitter max	20 mA
no-load supply current rec. max	20 mA
Switching frequ. standard beam	200 Hz
On Time delay (standard beam)	5 ms
Off time delay (standard beam)	2,5 ms

Mechanical data:

Surface treatment	nickel plated
Ambient temperature max	55 °C
Ambient temperature min	-15 °C
Sensing face material	PMMA
Housing material	nickel-plated brass
sensitivity adjustment	Potentiometer
weight	30 g
Range max.	400 mm
Version	M12x1
adjusting operating dist.	Potentiometer

Optical data:

Emitter type	Infrared
permissible ambient light	5000

General data:

Function indication	yes, yellow LED
Degree of protection IP	IP 67
Insulation class	1
Polarity reversal resistant	yes
sensitivity adjustment	Potentiometer
Voltage drop at 100mA max.	2,5 V
On / off delay	2,5
Type	Diffuse

Wiring



Pinout

