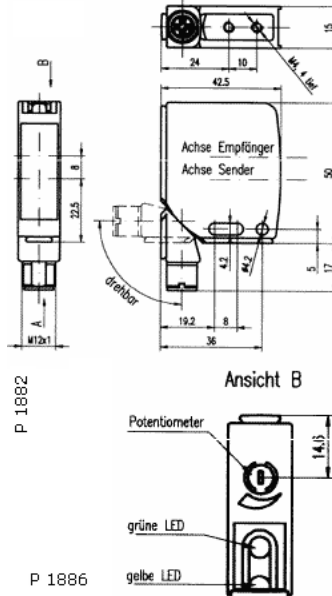


# BOS 21M-PA-PR10-S4

Photoelectric Sensors,

Retroreflective

PNP  
NO/NC



### Electrical data:

Connection	connector S4 (M12)
Rated insulation voltage (Ui)	75 DC
Load capacitance max	1 µF
Switching output	PNP
Switching element function	NO/NC
Operating frequency (f)	1000 Hz
supply current Io max. at Ue	35 mA
Off Time delay	0,5 ms
On Time delay	0,5 ms
Rated operational voltage min.	10 V
Rated operational voltage max.	30 V
Ripple incl.	max. 15% from UB
Voltage drop Ud max. at Ie	2 V
noload supply cur. emitter max	35 mA
noload supply current rec. max	35 mA
Switching frequ. standard beam	1000 Hz
On Time delay (standard beam)	1 ms
Off time delay (standard beam)	0,5 ms

### Mechanical data:

Surface treatment	nickel plated
Ambient temperature max	55 °C
Ambient temperature min	-25 °C
Sensing face material	PMMA
Housing material	GD-Zn, nickel-plated
sensitivity adjustment	Potentiometer
weight	40 g
Range min.	100 mm
Range max.	8000 mm
Version	50x42x15
adjusting operating dist.	Potentiometer

### Optical data:

Emitter type	polarized red light
wave length of emitted Light	650
permissible ambient light	10000

### General data:

Supply voltage indication	no
Function indication	yes, yellow LED
Degree of protection IP	IP 67
Insulation class	2
Polarity reversal resistant	yes
Approval	CE, cULus
sensitivity adjustment	Potentiometer
Voltage drop at 100mA max.	2 V
On / off delay	0,5
Type	Retroreflective

### Wiring

