

BOS 21M-PUS-RV13-S4

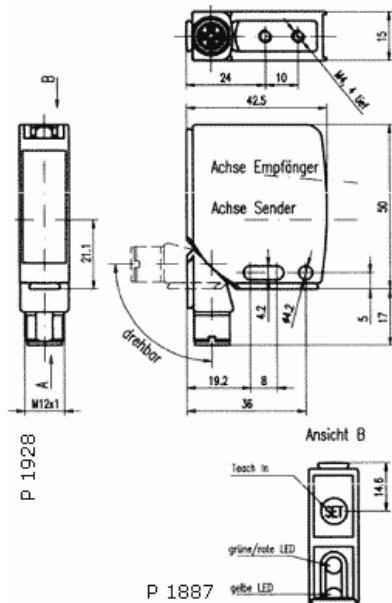
Photoelectric Sensors,

Diffuse

PNP
NO/NC switchable

BALLUFF

sensors worldwide



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 switchable
Operating frequency (f)	1000 Hz
supply current Io max. at Ue	50 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
noload supply cur. emitter max	50 mA
noload supply current rec. max	50 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	50 °C
Ambient temperature min	-10 °C
Sensing face material	PMMA
Housing material	GD-Zn, nickel-plated
sensitivity adjustment	SET-Button and external
weight	80 g
Range min.	70 mm
Range max.	200 mm
Version	50x42x15
adjusting operating dist.	SET-Button and external

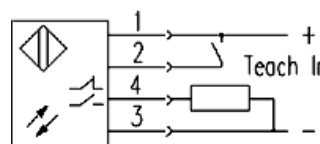
Optical data:

Emitter type	red light
wave length of emitted Light	670
permissible ambient light	5000

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	SET-Button and external
Voltage drop at 100mA max.	2 V
On / off delay	0,5
Type	Diffuse, fore/background sup.

Wiring



Pinout



www.balluff.com

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Online Productinformation
2006-11-30