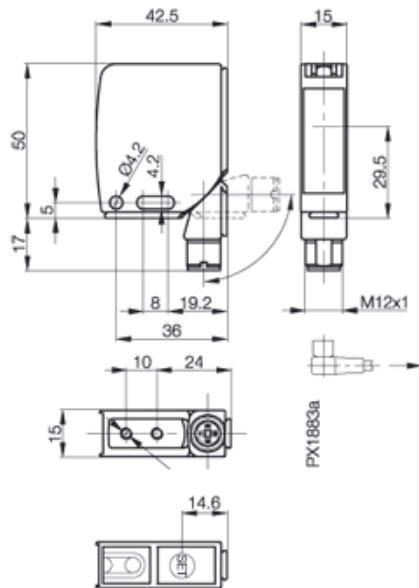


BKT 21M-002-P-S4

Photoelectric Sensors,
Contrast Sensor

PNP
normally open

BALLUFF
sensors worldwide

**Electrical data:**

Connection	connector
Rated insulation voltage (Ui)	75 DC
Load capacitance max	1 μ F
Switching element function	normally open
Off Time delay	< 0,1 ms
On Time delay	< 0,1 ms
Rated operational current (Ie)	100 mA
Switching output	PNP
Operating frequency (f)	5000 Hz
supply current Io max. at Ue	30 mA
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

Mechanical data:

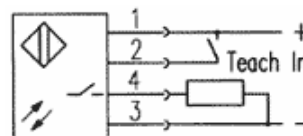
Surface treatment	nickel plated
Sensing face material	PMMA
Housing material	GD-Zn, nickel-plated
Range max.	21 mm
Range min.	17 mm
adjusting operating dist.	SET-Button or Teach-In
work distance	19 $\pm$ 2
Ambient temperature max	55 °C
Ambient temperature min	-10 °C
weight	80 g

Optical data:

Emitter type	white light
wave length of emitted Light	400...700
permissible ambient light	EN 60947-5-2
light spot	3,5 at 19mm

General data:

Supply voltage indication	no
Function indication	yes, yellow LED
Degree of protection IP	IP 67
Insulation class	2
Polarity reversal resistant	yes
Type	Contrast Sensor

wiring**Pinout**

www.balluff.com

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Balluff Asia: +86 21-50 64 41 31

Online Productinformation
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