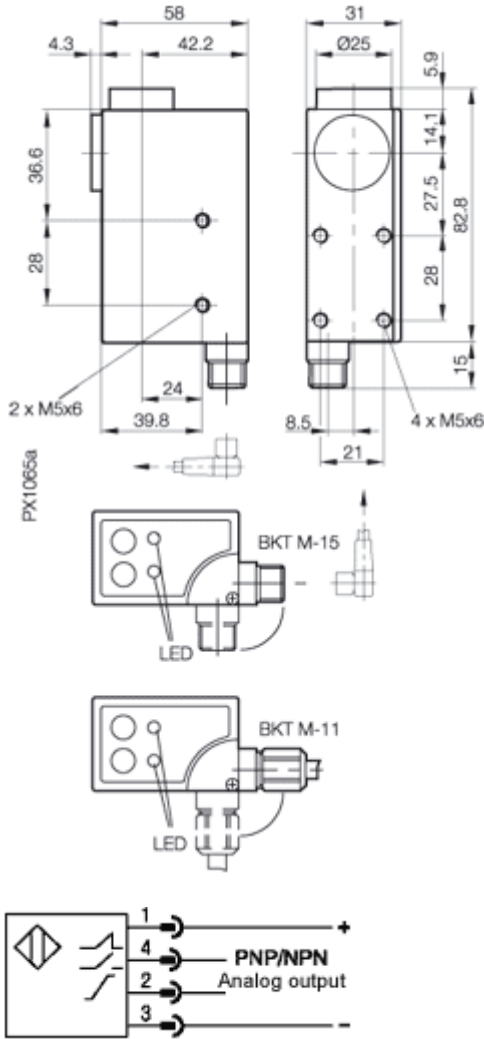


Optoelectronic Sensors
BKT M-15-U-S 4

Contrast tester
80x70x30
Sn = 9 mm



Common Data

Sensortype		Contrast tester
Switching frequency		10 kHz
Rated operating distance Sn	mm	9
assured operating distance Sa	mm	with Teach in adjustable
Indication supply voltage		yes
Indication switching element		yes, red LED
Indication special function		yes, wrong adjustment
Ambient temperature	°C	-10...+55°C
On/Off-delay		50µs
Light		Red + Green
Sensitivity adjustment		Teach in
Light spot diameter		Spotsize 1,5x5mm, vertical spot
Permissible ambient light	lux	3000

Mechanical Data

Measurements BxHxT or DxT	mm	80x70x30
Shock test (EN 60068-2-27)		Halbsinus, 30gn, 11ms
Vibration test (EN 60068-2-6)		10...55Hz, 1,5mm Amplitude 3x2h
Housing material		ZAMA
Material of sensing face		Glass
Degree of protection	IP	IP67
Connection		Connector S4 (M12)
Weight		310g

Electric Data

Current		DC
Switching function		normally-open
Output		PNP/NPN switchable
Rated operational voltage Ue	V	24V
Rated operational current Ie	mA	<200mA
Supply voltage	V	10...30V
Ripple	%	< 6%
No-load supply current	mA	80mA
Voltage drop	V	1,5V
Short protection		yes
Rated insulation voltage		75V DC
Output current		<=200mA
max. load capacity		1µF

If not differently indicated,
all values by IEC 947-5-2 (DIN EN60947-5-2)

Specifications subject to change

Balluff GmbH
Postfach 1160
73761 Neuhausen
Telefon (07158) 173-0
Telefax (07158) 5010

07.12.2006 / Online-Information

