

Photoelectric Sensor BLT M-15-U-S 4 Sn=18mm Luminescence Sensor

Common Data

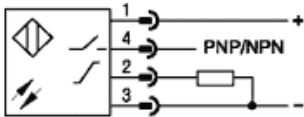
Series	BLT
Sensortype	Luminescence Sensor
Switching frequency	2000 Hz
Rated operating distance Sn in mm	18
asured operating distance Sa	with Teach in adjustable 9...18mm
Indication Supply Voltage	yes
Indication Switching element on	yes, red LED
Indication Special funktion	yes, wrong adjustment
Ambient temperature	-15...+55°C
On-delay	250µs
Off-delay	50µs
Light	450...780nm
Sensitivity Adjustment	Teach in
Diameter of active zone	Spotsize 1,5x5mm
Permissable ambient light	3000 Lux
Output function	light-on or dark-on

Mechanical Data

Measurements	80x70x30
Shock	Halfsinus, 30gn, 11ms
Vibration	10...55Hz, 1,5mm Amplitude 3x2h
Housing material	Gd-Zn
Material of sensing face	Glass
Degree of protection	IP67
Connection	Connector S4 (M12)
Weigth	310g
Recommended connector	BKS-_20

Electrical Data

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



Utilization categories
Insulation class

Datasheet number:

Definitions see general catalog.
If not otherwise noted, ratings according to
IEC 60947-5-2 (DIN EN60947-5-2)

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Datenblatt by CD-ROM - 04/2007

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