

Photoelectric Sensor BLT M-55-U-S4 Sn=mm Luminescence Sensor

Common Data

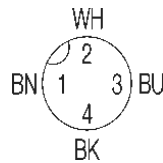
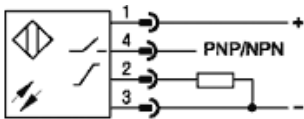
Series	BLT
Sensortype	Luminescence Sensor
Switching frequency	2000 Hz
asured operating distance Sa	20...40mm
Indication Supply Voltage	yes, green LED
Indication Switching element on	yes, red LED
Indication Special funktion	yes, wrong adjustment, Overload
Ambient temperature	-15...+55°C
On-delay	250µs
Light	LED, ultraviolet
Wavelength / Laser protection class	380nm
Sensitivity Adjustment	Teach in
Special function	adaption for fibre optic
Diameter of active zone	3mm in Focus
Permissable ambient light	acc. EN 60947-5-2
Output function	analog/light-on or dark-on

Mechanical Data

Measurements	83x58x31
Housing material	Gd.Zn
Material of sensing face	Glass
Degree of protection	IP67
Connection	Connector S4 (M12)
Weigth	310g

Electrical Data

Switching function	Schließer/Öffner umschaltbar
Output	PNP/NPN/Analog < 7 V DC ±10%
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	<2V
Short protection	yes
Protected against polarity reversal	yes



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)

Balluff GmbH
Schurwaldstrasse 9
73765 Neuhausen a.d.F.
Phone (07158) 173-0 Fax (07158) 5010

Datenblatt by CD-ROM - 04/2007

BALLUFF
sensors worldwide