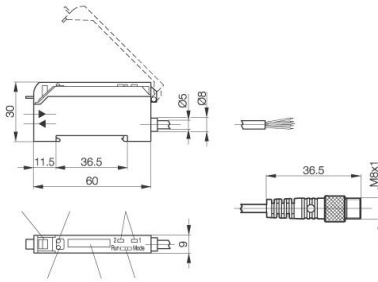


PX1748B



Photoelectric Sensor BOS 73K-PU-1FR-C-S75-0,1 Sn=mm Basic Unit for Fibre optic

Common Data

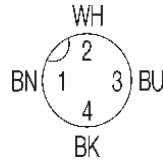
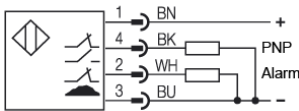
Series	73k
Sensortype	Basic Unit for Fibre optic
Switching frequency	1000 Hz
assured operating distance Sa	adjustable
Hysteresis	adjustable
Indication Switching element on	yes
Indication Special funktion	Display, Adjustment help
Ambient temperature	-25...+55°C
On-delay	<0,5 / 0,6 ms
Off-delay	<500 µs
Light	Red light
Sensitivity Adjustment	Teach in
Blind zone / min Reflector distance	belonging to Fibre optic
Special funktion	Stabilization indicator/Time
Permissable ambient light	10000 Lux
Output funktion	light-on or dark-on

Mechanical Data

Measurements	60x30x9
Shock	Halbsinus, 30gn, 11ms
Vibration	10...55Hz, 1,5mm Amplitude 3x2h
Housing material	PC
Degree of protection	IP54
Connection	Connector S75 (M8,4-pin)
Weigth	80g

Electrical Data

Current	DC
Switching funktion	NO/NC
Output	PNP
Rated operational voltage Ue	24V DC
Rated operational current Ie	100mA
Supply Voltage	11...26V DC
Ripple	< 10% from UB
Frequency of Supply Voltage	DC
No-load supply current	<50mA
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