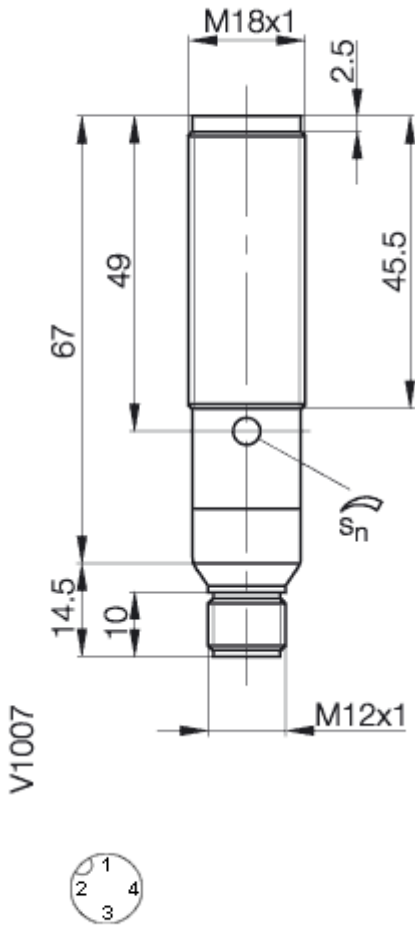


Diffuse
 M18x1
 Sn = 300 mm



Approvals CE, CURUS

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

 Sensing distance measured with :
 Kodak white card 200mm x 200mm, 90 % reflection
 Specifications subject to change

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

Common Data

Sensortype		Diffuse
Switching frequency		500 Hz
Rated operating distance Sn	mm	300
asured operating distance Sa	mm	adjustable
Indication switching element		yes
Ambient temperature	°C	-25...+55°C
On / Off-delay		<=1ms
Light		Infrared, 880nm
Sensitivity adjustment		Poti
Light spot diameter		-
Permissible ambient light	lux	to EN 60947-5-2

Mechanical Data

Measurements BxHxT or DxT	mm	M18x81,5
Housing material		ABS
Material of sensing face		PMMA
Degree of protection	IP	IP67
Connection		Connector S4 (M12)
Weight		25g
Recommended connector		BKS-S20-3

Electric Data

Current		DC
Switching function		switchable
Output		PNP
Supply voltage	V	10...30 DC
Ripple	%	<=2V
No-load supply current	mA	<=35mA
Voltage drop	V	<=2V
Short protection		yes
Protectde against polarity rev		yes
Output current		100mA

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