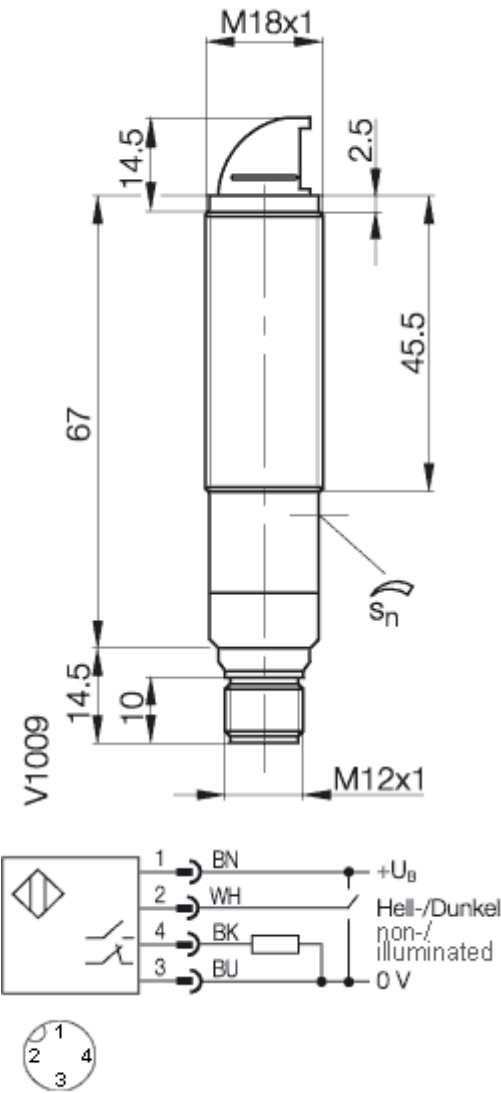


Diffuse
M18x1
Sn = 250 mm



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 250
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	-
Permissable ambient light	lux to EN 60947-5-2

Mechanical Data

Measurements BxHxT or DxT	mm	M18x93,5
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