

R102 Series Diffuse Mode Sensors

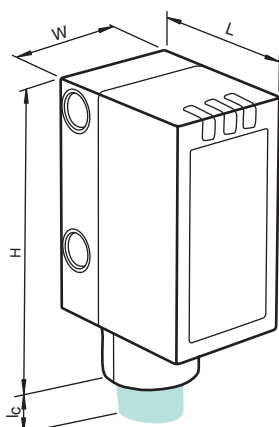


Standard Technical Data

Function principle	Triangulation sensor with background suppression
Voltage type	DC
Operating voltage (min)	10 V
Operating voltage (max)	30 V
Housing length L	18.3 mm
Housing width W	13.9 mm
Housing height H	31.9 mm
UL	■

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

Model number	Detection range [mm]	Light type	Interface	Output type	Connection type
OBT20-R102-2P1-IO	20	Red LED	IO-Link	2 x push-pull	Fixed cable
OBT20-R102-2P1-IO-0,3M-V1	20	Red LED	IO-Link	2 x push-pull	Fixed cable with M12 plug
OBT20-R102-2P1-IO-IR	20	Infrared LED	IO-Link	2 x push-pull	Fixed cable
OBT20-R102-2P1-IO-V31	20	Red LED	IO-Link	2 x push-pull	M8 connector plug
OBT20-R102-2P1-IO-V31-IR	20	Infrared LED	IO-Link	2 x push-pull	M8 connector plug
OBT20-R102-P1-IO-V31	20	Red LED	IO-Link	1 x push-pull	M8 connector plug
OBT40-R102-2P1-IO	40	Red LED	IO-Link	2 x push-pull	Fixed cable
OBT40-R102-2P1-IO-0,3M-V1	40	Red LED	IO-Link	2 x push-pull	Fixed cable with M12 plug
OBT40-R102-2P1-IO-IR	40	Infrared LED	IO-Link	2 x push-pull	Fixed cable
OBT40-R102-2P1-IO-V31	40	Red LED	IO-Link	2 x push-pull	M8 connector plug
OBT40-R102-2P1-IO-V31-IR	40	Infrared LED	IO-Link	2 x push-pull	M8 connector plug
OBT40-R102-A0-V31	40	Red LED		NPN	M8 connector plug
OBT40-R102-P1-IO-V31	40	Red LED	IO-Link	1 x push-pull	M8 connector plug
OBT40-R102-P1-IO-V31-IR	40	Infrared LED	IO-Link	1 x push-pull	M8 connector plug
OBT60-R102-2P1-IO	60	Red LED	IO-Link	2 x push-pull	Fixed cable
OBT60-R102-2P1-IO-0,3M-V1	60	Red LED	IO-Link	2 x push-pull	Fixed cable with M12 plug
OBT60-R102-2P1-IO-V31	60	Red LED	IO-Link	2 x push-pull	M8 connector plug
OBT60-R102-2P1-IO-V31-IR	60	Infrared LED	IO-Link	2 x push-pull	M8 connector plug
OBT60-R102-P1-IO-V31	60	Red LED	IO-Link	1 x push-pull	M8 connector plug
OBT80-R102-2P1-IO	80	Red LED	IO-Link	2 x push-pull	Fixed cable
OBT80-R102-2P1-IO-0,3M-V1	80	Red LED	IO-Link	2 x push-pull	Fixed cable with M12 plug
OBT80-R102-2P1-IO-IR	80	Infrared LED	IO-Link	2 x push-pull	Fixed cable
OBT80-R102-2P1-IO-V31	80	Red LED	IO-Link	2 x push-pull	M8 connector plug
OBT80-R102-2P1-IO-V31-IR	80	Infrared LED	IO-Link	2 x push-pull	M8 connector plug



Accessories

IO-Link-Master02-USB	IO-Link master, supply via USB port or separate power supply, LED indicators, M12 plug for sensor connection
V1-W-2M-PUR	Single-ended female cordset, M12, 4-pin, PUR cable
V31-GM-2M-PUR	Single-ended female cordset, M8, 4-pin, PUR cable
V31-WM-2M-PUR	Single-ended female cordset, M8, 4-pin, PUR cable