

R2F Series Diffuse Mode Sensors



Standard Technical Data

Function principle	Triangulation sensor with background suppression
Voltage type	DC
Housing length L	4.1 mm
Housing width W	12 mm
Housing height H	25.5 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	Output type	UB (min)	UB (max)	Connection type
OBT15-R2F-E0	15	Red LED	NPN	10	30	Fixed cable
OBT15-R2F-E0-L	15	Red laser diode	NPN	12	24	Fixed cable
OBT15-R2F-E2	15	Red LED	PNP	10	30	Fixed cable
OBT15-R2F-E2-0,2M-V31	15	Red LED	PNP	10	30	Fixed cable with M8 plug
OBT15-R2F-E2-0,2M-V31-L	15	Red laser diode	PNP	12	24	Fixed cable with M8 plug
OBT15-R2F-E2-L	15	Red laser diode	PNP	12	24	Fixed cable
OBT30-R2F-E0	30	Red LED	NPN	10	30	Fixed cable
OBT30-R2F-E0-L	30	Red laser diode	NPN	12	24	Fixed cable
OBT30-R2F-E2	30	Red LED	PNP	10	30	Fixed cable
OBT30-R2F-E2-0,2M-V31	30	Red LED	PNP	10	30	Fixed cable with M8 plug
OBT30-R2F-E2-0,2M-V31-L	30	Red laser diode	PNP	12	24	Fixed cable with M8 plug
OBT30-R2F-E2-L	30	Red laser diode	PNP	12	24	Fixed cable

Accessories

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

