

# R3F Series Diffuse Mode Sensors

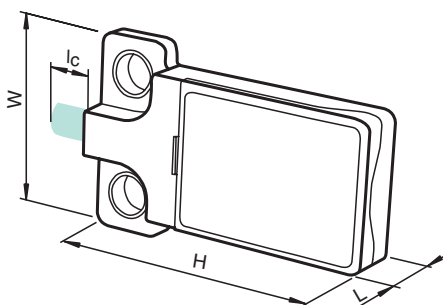


### Standard Technical Data

<b>Function principle</b>	Triangulation sensor with background suppression
<b>Voltage type</b>	DC
<b>Housing length L</b>	4.1 mm
<b>Housing width W</b>	16 mm
<b>Housing height H</b>	25.5 mm
<b>UL</b>	■

For detailed data and description, see the datasheet. Further products can be found online at [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).

Model number	Detection range [mm]	Light type	Output type	UB (min)	UB (max)	Connection type
OBT15-R3F-E0	15	Red LED	NPN	10	30	Fixed cable
OBT15-R3F-E0-L	15	Red laser diode	NPN	12	24	Fixed cable
OBT15-R3F-E2	15	Red LED	PNP	10	30	Fixed cable
OBT15-R3F-E2-0,2M-V31	15	Red LED	PNP	10	30	Fixed cable with M8 plug
OBT15-R3F-E2-0,2M-V31-L	15	Red laser diode	PNP	12	24	Fixed cable with M8 plug
OBT15-R3F-E2-L	15	Red laser diode	PNP	12	24	Fixed cable
OBT30-R3F-E0	30	Red LED	NPN	10	30	Fixed cable
OBT30-R3F-E0-L	30	Red laser diode	NPN	12	24	Fixed cable
OBT30-R3F-E2	30	Red LED	PNP	10	30	Fixed cable
OBT30-R3F-E2-0,2M-V31	30	Red LED	PNP	10	30	Fixed cable with M8 plug
OBT30-R3F-E2-0,2M-V31-L	30	Red laser diode	PNP	12	24	Fixed cable with M8 plug
OBT30-R3F-E2-L	30	Red laser diode	PNP	12	24	Fixed cable



### Accessories

<b>V31-GM-2M-PUR</b>	Single-ended female cordset, M8, 4-pin, PUR cable
<b>V31-WM-2M-PUR</b>	Single-ended female cordset, M8, 4-pin, PUR cable