

# R103 Series

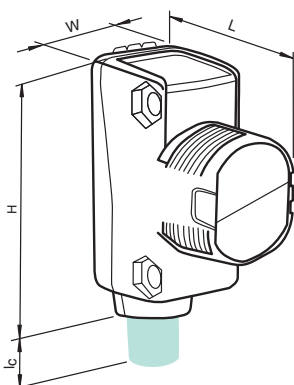


### Standard Technical Data

<b>Function principle</b>	Distance sensor
<b>Interface</b>	IO-Link
<b>Operating elements</b>	Potentiometer, push-button
<b>Voltage type</b>	DC
<b>Operating voltage (min)</b>	10 V
<b>Operating voltage (max)</b>	30 V
<b>Housing length L</b>	26.7 mm
<b>Housing width W</b>	15 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	Connection type	Height H
OMT45-R103-EP-IO-V3-L	45	Red laser diode	1 x push-pull	M8 connector plug	43.9
OMT45-R103-2EP-IO	45	Red LED	2 x push-pull	Fixed cable	36.5
OMT45-R103-2EP-IO-0,3M-V1	45	Red LED	2 x push-pull	Fixed cable with M12 plug	36.5
OMT45-R103-2EP-IO-0,3M-V1-L	45	Red laser diode	2 x push-pull	Fixed cable with M12 plug	36.5
OMT45-R103-2EP-IO-0,3M-V31	45	Red LED	2 x push-pull	Fixed cable with M8 plug	36.5
OMT45-R103-2EP-IO-0,3M-V31-L	45	Red laser diode	2 x push-pull	Fixed cable with M8 plug	36.5
OMT45-R103-2EP-IO-L	45	Red laser diode	2 x push-pull	Fixed cable	36.5
OMT45-R103-2EP-IO-V31	45	Red LED	2 x push-pull	M8 connector plug	43.9
OMT45-R103-2EP-IO-V31-L	45	Red laser diode	2 x push-pull	M8 connector plug	43.9
OMT45-R103-EP-IO-0,3M-V3	45	Red LED	1 x push-pull	Fixed cable with M8 plug	36.5
OMT45-R103-EP-IO-0,3M-V3-L	45	Red laser diode	1 x push-pull	Fixed cable with M8 plug	36.5
OMT45-R103-EP-IO-V3	45	Red LED	1 x push-pull	M8 connector plug	43.9
OMT100-R103-2EP-IO	100	Red LED	2 x push-pull	Fixed cable	36.5
OMT100-R103-2EP-IO-0,3M-V1	100	Red LED	2 x push-pull	Fixed cable with M12 plug	36.5
OMT100-R103-2EP-IO-0,3M-V31	100	Red LED	2 x push-pull	Fixed cable with M8 plug	36.5
OMT100-R103-2EP-IO-V31	100	Red LED	2 x push-pull	M8 connector plug	43.9
OMT100-R103-EP-IO-0,3M-V3	100	Red LED	1 x push-pull	Fixed cable with M8 plug	36.5
OMT100-R103-EP-IO-V3	100	Red LED	1 x push-pull	M8 connector plug	43.9
OMT120-R103-2EP-IO-0,3M-V1-L	120	Red laser diode	2 x push-pull	Fixed cable with M12 plug	36.5
OMT120-R103-2EP-IO-0,3M-V31-L	120	Red laser diode	2 x push-pull	Fixed cable with M8 plug	36.5
OMT120-R103-2EP-IO-L	120	Red laser diode	2 x push-pull	Fixed cable	36.5
OMT120-R103-2EP-IO-V31-L	120	Red laser diode	2 x push-pull	M8 connector plug	43.9
OMT120-R103-EP-IO-0,3M-V3-L	120	Red laser diode	1 x push-pull	Fixed cable with M8 plug	36.5
OMT120-R103-EP-IO-V3-L	120	Red laser diode	1 x push-pull	M8 connector plug	43.9
OMT150-R103-2EP-IO	150	Red LED	2 x push-pull	Fixed cable	36.5
OMT150-R103-2EP-IO-0,3M-V1	150	Red LED	2 x push-pull	Fixed cable with M12 plug	36.5
OMT150-R103-2EP-IO-0,3M-V31	150	Red LED	2 x push-pull	Fixed cable with M8 plug	36.5
OMT150-R103-2EP-IO-V31	150	Red LED	2 x push-pull	M8 connector plug	43.9
OMT150-R103-EP-IO-0,3M-V3	150	Red LED	1 x push-pull	Fixed cable with M8 plug	36.5
OMT150-R103-EP-IO-V3	150	Red LED	1 x push-pull	M8 connector plug	43.9



### Accessories

<b>IO-Link-Master02-USB</b>	IO-Link master, power supply via USB port
<b>OMH-ML100-031</b>	Mounting aid for circular profiles, $\varnothing$ 10 mm ... 14 mm or flat profiles 1 mm ... 5 mm
<b>OMH-ML100-09</b>	Mounting aid for circular profiles $\varnothing$ 12 mm or flat profiles 1.5 mm ... 3 mm
<b>OMH-R10X-04</b>	Mounting bracket
<b>OMH-R10X-10</b>	Mounting bracket
<b>V3-WM-2M-PUR</b>	Single-ended female cordset, M8, 3-pin, PUR cable
<b>V31-GM-2M-PUR</b>	Single-ended female cordset, M8, 4-pin, PUR cable