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Home
Products
Provider
Principles
N I S
History
Warranty
Contact

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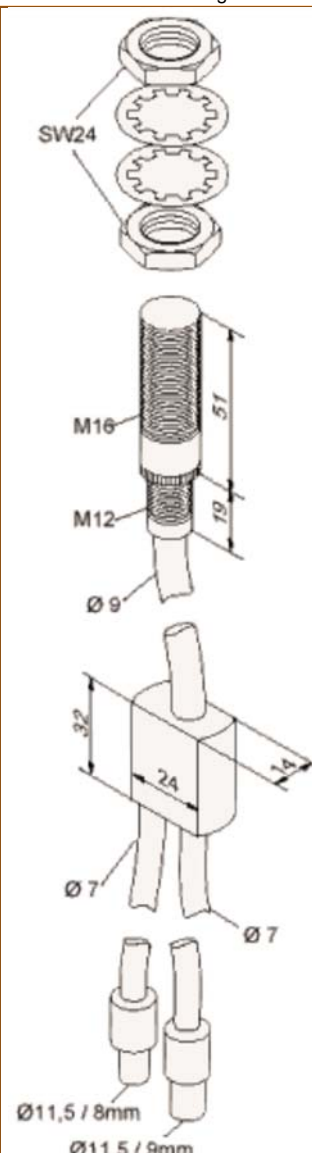
P roximity Switches <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> INSOR® <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> CASOR® <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> MINSOR®	O ptoelectronic Proximity Switches <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> OPTOR® <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> Plastic Fiber Optic <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> Glasfiber Optic	C olorsensoric <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> Color-OPTOR® Halogen <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> Color-OPTOR® LED	P eripherie <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> Power Supply <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> Controller <hr style="border: 0; border-top: 1px solid #ccc; margin: 2px 0;"/> Plugs
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Color Senoric: Remmissions-Measuring Heads for color-OPTOR® Halogen

Accessoires for color-OPTOR®:

[Passive \(Halogen\) color-OPTOR® Digital](#)

[Passive \(Halogen\) color-OPTOR® Analog](#)

scale drawing	technical Data	Type																											
	<p style="text-align: center;">Remission Measuring Head for color-OPTOR® Halogen</p> <p>General Data</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">short designation:</td> <td style="width: 20%;">optical</td> <td style="width: 30%;">O</td> </tr> <tr> <td></td> <td>measuring head, Remission</td> <td>R</td> </tr> <tr> <td></td> <td>focused</td> <td>F</td> </tr> <tr> <td></td> <td>circle arranged light</td> <td>R</td> </tr> <tr> <td>Fiber</td> <td colspan="2">Polymethylmetacrylat (PMMA)</td> </tr> <tr> <td>Protection sleeve</td> <td colspan="2">PVC - schwarz Ø 1 x 9 mm / 2 x 7 mm</td> </tr> <tr> <td>Protection class</td> <td colspan="2">IP 65</td> </tr> <tr> <td>Temperature range</td> <td colspan="2">0 °C ... 70 °C</td> </tr> <tr> <td>Min. bending radius</td> <td colspan="2">80 mm</td> </tr> </table>	short designation:	optical	O		measuring head, Remission	R		focused	F		circle arranged light	R	Fiber	Polymethylmetacrylat (PMMA)		Protection sleeve	PVC - schwarz Ø 1 x 9 mm / 2 x 7 mm		Protection class	IP 65		Temperature range	0 °C ... 70 °C		Min. bending radius	80 mm		
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<p>Lense</p> <p>Measring range (Focus 18 mm)</p> <p>Measring range (Focus 25 mm)</p>	<p style="text-align: center;">plankonvex:</p> <p>Ø 10,0 mm / f = 13,4 mm</p> <p style="text-align: center;">10 - 30 mm</p> <p style="text-align: center;">5 - 15 mm</p>	ORFR 1213																											
<p>Lense</p> <p>Measring range (Focus 25 mm)</p> <p>Measring range (Fokus 43 mm)</p>	<p style="text-align: center;">planar convex:</p> <p>Ø 14,0 mm / f = 20,6 mm</p> <p style="text-align: center;">15 - 55 mm</p> <p style="text-align: center;">10 - 25 mm</p>	ORFR 1620																											
<p>Lense</p> <p>Measring range (Focus 35 mm)</p> <p>Measring range (Focus 68 mm)</p>	<p style="text-align: center;">planar convex:</p> <p>Ø 17,9 mm / f = 29,8 mm</p> <p style="text-align: center;">20 - 100 mm</p> <p style="text-align: center;">10 - 40 mm</p>	ORFR 2030																											

	Remissions-Doppelmeßköpfe für Farb-OPTOR® Halogen			
	Allgemeine Daten			
	Short designation	optical measuring head, Remission focused circle arranged light	O R F D	
	Fiber	Polymethylmetacrylat (PMMA)		
	Protection sleeve	PVC - black		
Protection class		IP 65		
Temperature range		0 °C ... 70 °C		
Min. bending radius		80 mm		
Lense	Planar aspherical: Ø 10,0 mm / f = 7 mm		ORFD 1207	
Measuring range	5 - 7 mm			
Lense	planar convex: Ø 10,0 mm / f = 13,4 mm		ORFD 1213	
Measuring range (Focus 18 mm)	10 - 30 mm			
Measuring range (Focus 25 mm)	5 - 15 mm			
Lense	planar convex: Ø 14,0 mm / f = 20,6 mm		ORFD 1620	
Measuring range (Focus 25 mm)	15 - 55 mm			
Measuring range (Focus 43 mm)	10 - 25 mm			
Lense	planar convex: Ø 17,9 mm / f = 29,8 mm		ORFD 2030	
Measuring range (Focus 35 mm)	20 - 100 mm			
Measuring range (Focus 68 mm)	10 - 40 mm			

Color-OPTOR®		
Farbsensorik 	passive (Halogen) Color-OPTOR Digital passive (Halogen) Color-OPTOR Analog active (LED) Color-OPTOR Digital active (LED) Color-OPTOR Analog	Peripherie Color-Sensoric Remission Measuring heads for Color-OPTOR® Halogen
Halogen und LED	Color-Sensoric - Halogen und LED	

Peripherie 	Peripherie Power Supply DC Power Supply Controller Time Delay Relay	Peripherie Hirschmann-plugs Lumberg-plugs Clamps Reflector	Peripherie for OPTOR Platic Fiber for OPTOR Glas Fiber for OPTOR
Zubehör			



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