Through-beam sensors

20 m sensing range

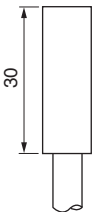
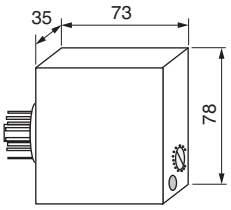
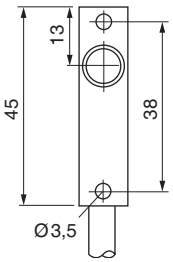
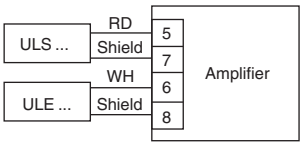
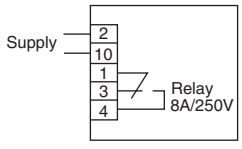
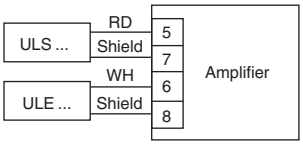
Miniature design

Relay output







Design	*Through-beam sensor Ø 10 mm*		*Amplifier*		*Through-beam sensor 11x11 mm*	
Dimensions						
Sensing distance max. [m]	20		1...20		20	
Output						
ID-No.	**P51003**	**P51004**	**P51005**	**P51013**	**P51006**	**P51007**
Type	ULS 101 transmitter	ULE 101 receiver	UV 70 WR	UV 70 GR	ULS 111 transmitter	ULE 111 receiver
Supply voltage [V]	–	–	230 AC	24 DC	–	–
Switching current max. [mA]	–	–	8		–	–
Sensitivity adjustable	–	–	•		–	–
Light on	–	–	•		–	–
Dark on	–	–	•		–	–
Short circuit proof	–	–	–		–	–
Response time [ms]	–	–	25		–	–
Stromaufnahme max. [mA]	max. 15	max. 15	max. 20	max. 60	max. 15	max. 15
Switching frequency [Hz]	–	–	max. 10		–	–
Ambient temperature [°C]	–20...+50	–20...+50	–20...+50		–20...+50	–20...+50
EMC-class	–	–	A		–	–
Protection [EN60529]	IP 67	IP 67	IP 50		IP 67	IP 67
LED display	–	–	•		–	–
Housing material	ABS / Polycarbonate		Polycarbonate		ABS / Polycarbonate	
Connection	15 m PVC-cable, shielded		11-pin socket		15 m PVC-cable, shielded	
						
Accessories	mounting clamp is part ov delivery		adapter (Z01096) is part ov delivery		RD = red; WH = white	