

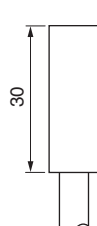
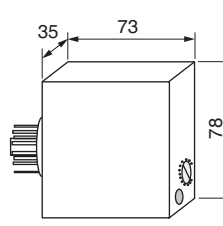
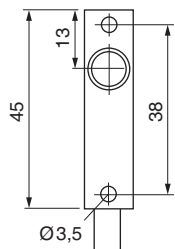
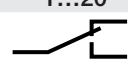
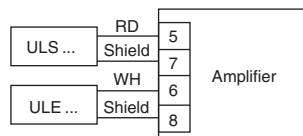
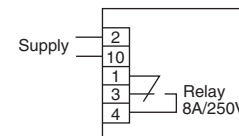
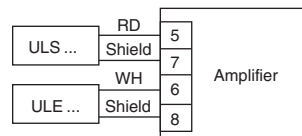
Through-beam sensors

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	
Switching 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. [A]	-	-	-	8	-	-
Sensitivity adjustable	-	-	-	•	-	-
Light on	-	-	-	•	-	-
Dark on	-	-	-	•	-	-
Short circuit proof	-	-	-	-	-	-
Response time [ms]	-	-	-	25	-	-
Current consumption max. (not actuated) [mA]	15	15	20	60	15	15
Switching frequency [Hz]	-	-	-	10	-	-
Ambient temperature [°C]	-20...+50	-20...+50	-20...+50	-20...+50	-20...+50	-20...+50
EMC-class	-	-	-	A	-	-
Protection [EN 60529]	IP 67	IP 67	IP 50	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	
Connection diagram						
Accessories (see section 10)	mounting devices are part of delivery		adapter Z01096 (is part of delivery)		RD = red; WH = white	