



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 of delivery		adapter (Z01096) is part of delivery		RD = red; WH = white	