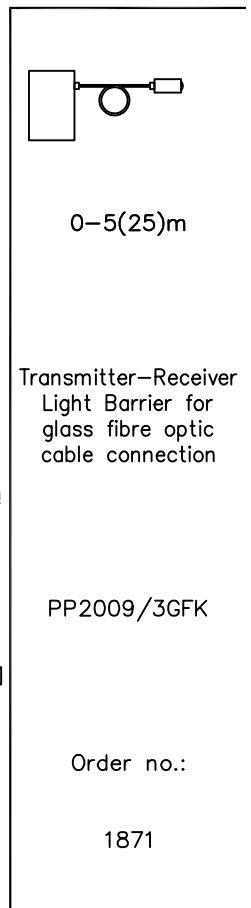
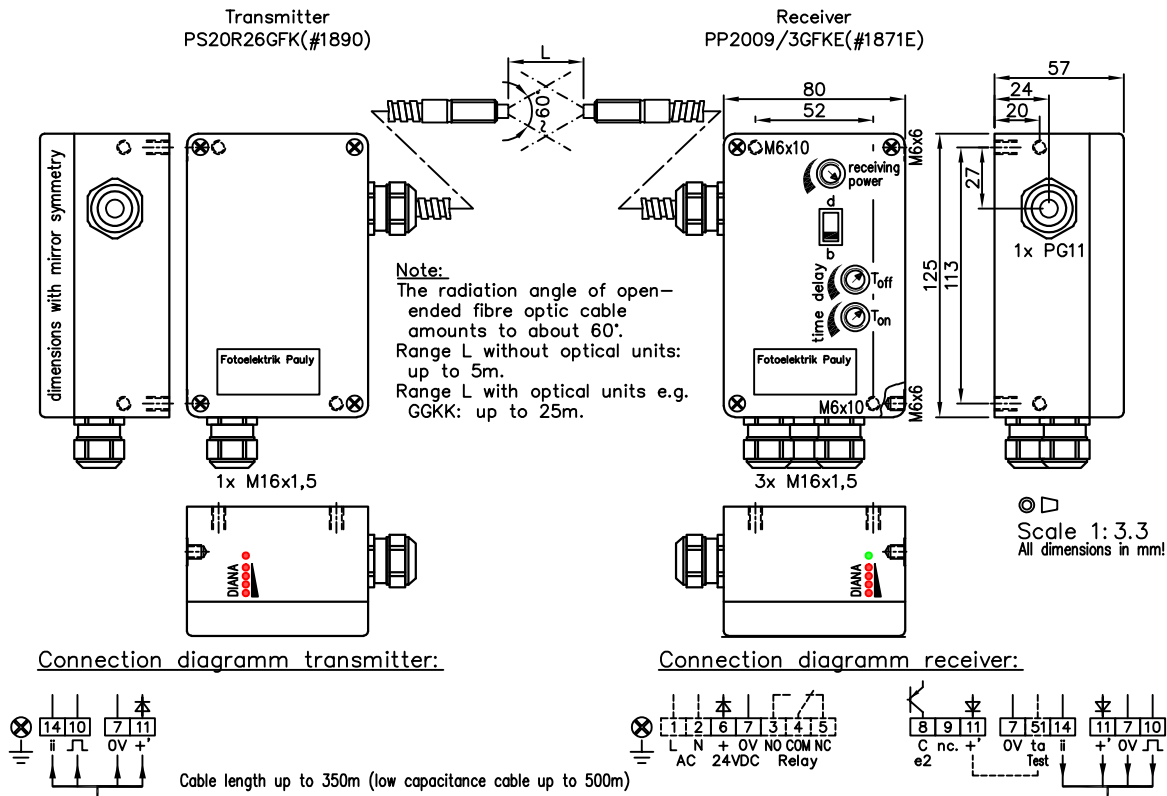


Transmitter-Receiver Light Barrier Type PP2009/3GFK for Glass Fibre Optic Cable Connection



Technical characteristics:

Housing	Al-Cast
Weight	Receiver: approx. 700g Transmitter: approx. 500g
Protection mode	IP65
Connection	Terminal block
Supply	24VDC/60mA without load
Output	pnp 60mA s.-c.-prot., e2
Signal mode	bright-/darkswitching, selectable
Transmitter light	LED 850...880nm, invisible
Steady light resistance	>80kLx
Interference suppressor	Force synchronization
Access time	<12ms/switch transition
Switching rate	electron.: 40/s; Relay: 10/s
Switch indicator (receiver)	LED green
Working indicator (transm.)	LED red
Level indicator (t & r)	4x LED red
Ambient temperature	-25...+60°C

Accessories:

Fibre optic cable GFK...
Optical units e.g. A-GFK, At-GFK or GGFK
Cooling water flange KW26

Optic unit accessories:

Diaphragms
Optical filters
Adjustment flange
Cooling water flange
Anti dust tube

Features:

Connection	Plug, no.-cable
Supply	230VAC, 115VAC, 42...48VAC
Output	Optocoupler 60V/50mA, e1 Relay 250VAC/10A, 2500VA, 1xCh, R
Access time	"q": <2ms/switch transition
Switching rate	"q": 300/s, Relay: 10/s
Time delay	Switching-on-off-delay, separately adjustable, z...
	If using cooling water flange, then milled wall, y
	Testing by transmitter blanking, ta

Notes:

Terminal blocks: Cage clamp; Stripped conductor length 8...9mm; Conductor cross section 0,25...2,5mm² (with insulated ferrule up to 1,5mm² only); actuated by screwdriver 2,5x0,4mm.
Testing function ("ta", terminal 51): Transmitter activated by +24V; Transmitter deactivated by 0V or nc. To use this function remove wire bridge between terminal 11 & 51.