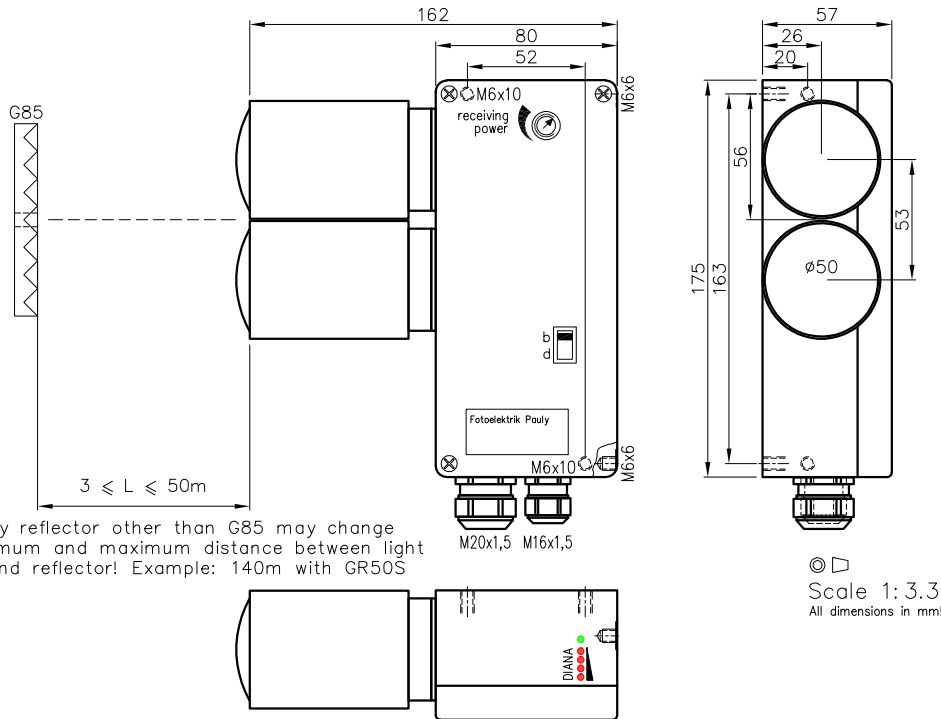


## High Distance Reflex Light Barrier Type JP102/3



Using any reflector other than G85 may change the minimum and maximum distance between light barrier and reflector! Example: 140m with GR50S

Scale 1: 3.3  
All dimensions in mm!

3-50(140)m

High Distance  
Reflex  
Light Barrier

JP102/3

Order no.:

1103

### Technical characteristics:

Housing	Al-Cast
Weight	approx. 1500g
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
Light beam diameter	approx. 200mm/50m
Switch indicator	LED green
Level indicator	4x LED red
Ambient temperature	-25...+60°C

### Connection diagramm:



### 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...
Heat-protected transductor system, p1	
If using cooling water flange, then milled wall, y	

### Notes:

Terminal blocks: Cage clamp; Stripped conductor length 8...9mm; Conductor cross section 0,25...2,5mm<sup>2</sup> (with insulated ferrule up to 1,5mm<sup>2</sup> only); actuated by screwdriver 2,5x0,4mm.

### Accessories:

- Reflector
- Diaphragms
- Heavy adjustment flange R27SH
- Elbow tube adjustment AD27SS1 or AD27SS2
- Cooling water flange KW27

1103 DE (18.02.05 mi)  
E\_1103\_1 (18.06.13 tb)  
(23.10.98 tb) (18.02.21 TBR)  
(13.01.03 gs)