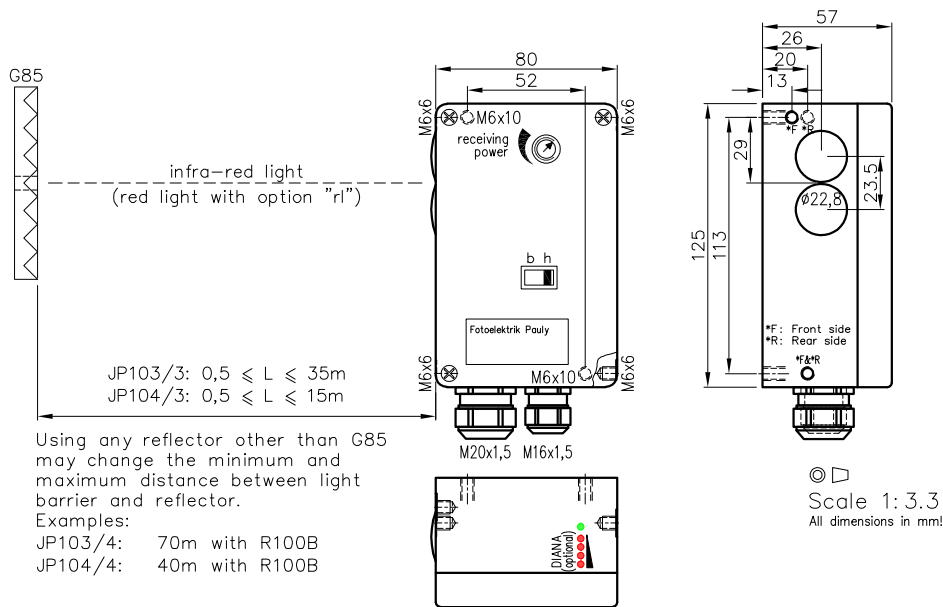


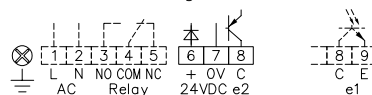
## (Infra-)Red-Light Reflex Light Barrier Types JP104/3 & JP103/3



### Technical characteristics:

Housing	Al-Cast
Weight	approx. 700g
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	JP103/3: >80kLx
resistance	JP104/3: >100kLx
Interference suppressor	Force synchronization
Access time	<12ms/switch transition
Switching rate	electron.: 40/s; Relay: 10/s
Light beam diameter	approx. 130mm/10m
Switch indicator	LED
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
Transmitter light	Red light 650nm, visible light spot, rl
Time delay	Switching-on-off-delay, separately adjustable, z...
Level indicator	DIANA, i
Heat-protected transducer system, p1	
If using cooling water flange, then milled wall, y	
Transformer: increased resistance to shocks and vibrations, tr	

### 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.

1101 DE (29.01.98 tb) (13.04.05 mj)  
 E\_1101\_1 (26.10.98 tb) (11.06.13 tb)  
 (18.07.94 tb) (03.07.02 tb) (18.02.21 TBR)  
 (03.02.95 tb) (18.02.05 mj) 24.11.22 TBR

### Accessories:

- Reflector
- Diaphragms
- Adjustment flange JF26H
- Heavy adjustment flange R26SH
- Elbow tube adjustment AD26SS1 or AD26SS2
- Cooling water flange KW26
- Dust protection tube TUB75 with adapter plate
- Integrated protection system KJT.. or KRT26\*

\* Including: cooling by water, adjustment, anti dust tube (optional: diaphragms, optical filter)