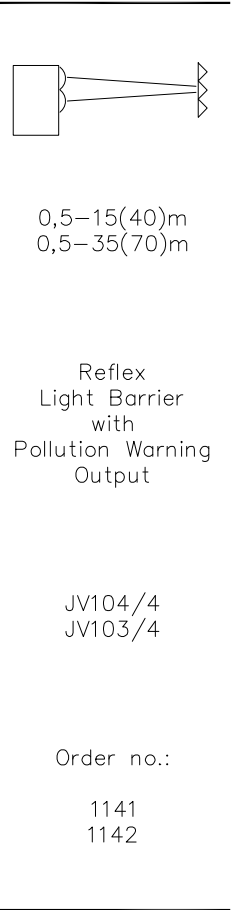
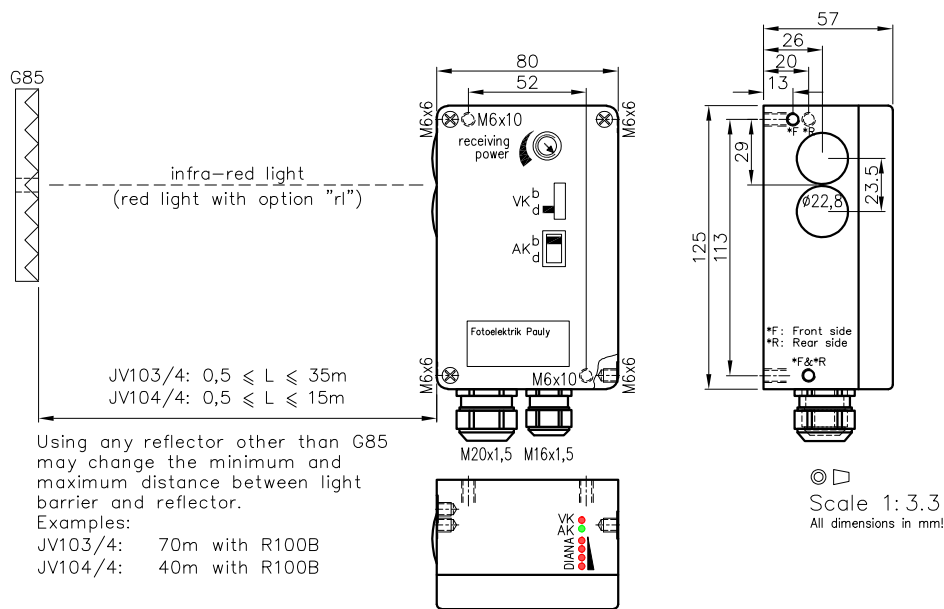


(Infra-)Red-Light Reflex Light Barrier Types JV104/4 & JV103/4 with Pollution Warning Output



Technical characteristics:

| | |
|-------------------------|-----------------------------------|
| Housing | Al-Cast |
| Weight | approx. 700g |
| Protection mode | IP65 |
| Connection | Terminal block |
| Supply | 24VDC/70mA without load |
| Output | 2x pnp 60mA s.-c.-prot., e2 |
| Signal mode | bright-/darkswitching, selectable |
| Transmitter light | LED 850...880nm, invisible |
| Steady light | JV103/4: >80kLx |
| resistance | JV104/4: >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's green & red |
| Level indicator | 4x LED red |
| Ambient temperature | -25...+60°C |

Connection diagramm:



Features:

| | |
|-------------------|---|
| Connection | Plug, no.-cable |
| Supply | 230VAC, 115VAC, 42...48VAC |
| Output | 2x Optocoupler 60V/50mA, e1 |
| | 2x 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 (only AK), z... |
| | Heat-protected transductor system, p1 |
| | If using cooling water flange, then milled wall, y |

Notes:

Outputs: The switching equipment for the Pollution Warning output (VK, set to dark [d], red LED) is switched on if the signal level is less than five times of the minimum level of the main contact level (AK, green LED).
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.

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)

1142 DE (13.01.03 gs) (18.02.21 TBR)
E_1142_1 (18.02.05 mjj) 24.11.22 TBR
(09.06.96 tb) (13.04.05 mjj)
(30.01.98 tb) (18.06.13 tb)