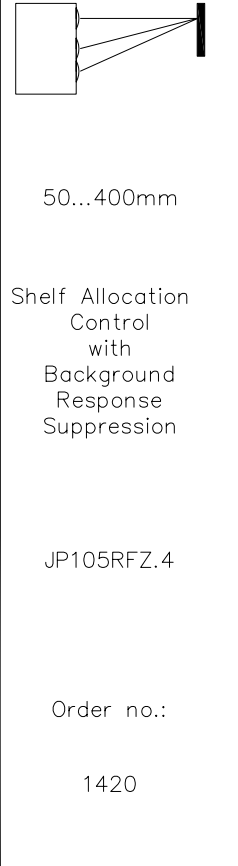
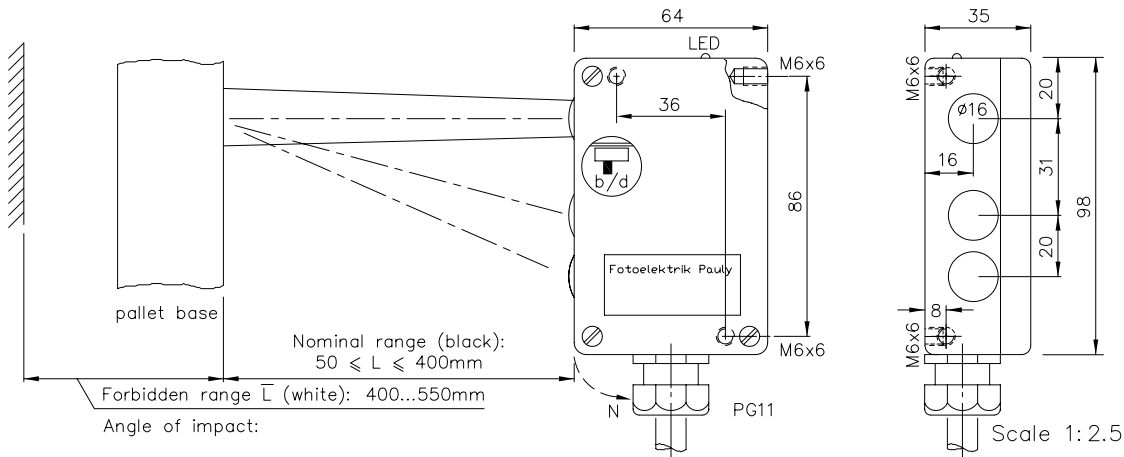


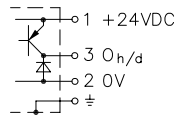
Reflex-Scanner Type JP105RFZ.4 for Shelf Allocation control with passive Background Response Suppression



Note:

1. Diffuse reflecting surfaces are reliably detected even when the scanning beam's angle of incidence deviates sharply from 90°.
2. Reflecting surfaces can considerably impair the scanning quality.
3. However, reflective surfaces can still be recognised beyond the forbidden distance \bar{L} ; slightly tilting the scanner helps.
4. Tilting should be done in the direction of the "N" arrow.
5. In the case of cylindrical scanning objects the scanning beams should be directed onto the surface line as far as possible
6. Minimal requisite surface:

| | |
|--------|---------------------|
| white: | > 2mm ² |
| black: | > 15mm ² |



Connecting diagram of standard version:
24VDC, e2, 3+1 wire no.-Cable

Technical Characteristics:

| | |
|--------------------------|-----------------------------------|
| Housing | Al-cast |
| Weight | approx. 450g |
| Protection mode | IP65 |
| Connection | 3+1 pole no.-cable K4 |
| Supply | 24VDC/40mA without load |
| Output | pnp 60mA s.c.-prot., e2 |
| Signal mode | bright-/darkswitching, selectable |
| Transmitter light | GaAs 880nm, invisible |
| Steady light resistance | >80kLx |
| Interference suppression | forced synchronization |
| Access time | <12ms/switch transition |
| Switching rate | electron.: 40/s; relay: 10/s |
| Switch indicator | LED |
| Ambient temperatur | -25...+60°C |

Accessories:

Adjustment flange JF11H

Special design:

| | |
|-----------------------------------|--|
| Connection | 4 pin Plug stLU4 3+1 pin Plug stH4 4+1 pin Plug stA5 6+1 pin Plug stA7 2x3 pole no.-cable 2K3 |
| Output | Relay 240VAC/5A, 120W/1200VA, 1xCh, R nnp 60mA s.c.-prot., e3 Optocoupler 60V/50mA, e1 also: 2xe2 or 2xe3 or antivalent e4 or e5 |
| Access time | "q": <2ms/switch transition |
| Switching rate | "q": 300/s, Relay: 10/s |
| Keying range | from 50mm; up to 200/300/500/600/(700)mm |
| Level indicator | DIANA, i |
| Heat-protected optical system, p1 | |

1420 DE (28.05.03 gs)
E_1420_1 (18.02.05 m.j)
(10.12.88 cm) 24.11.05 tb
(30.01.98 tb)