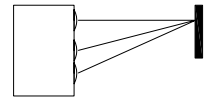
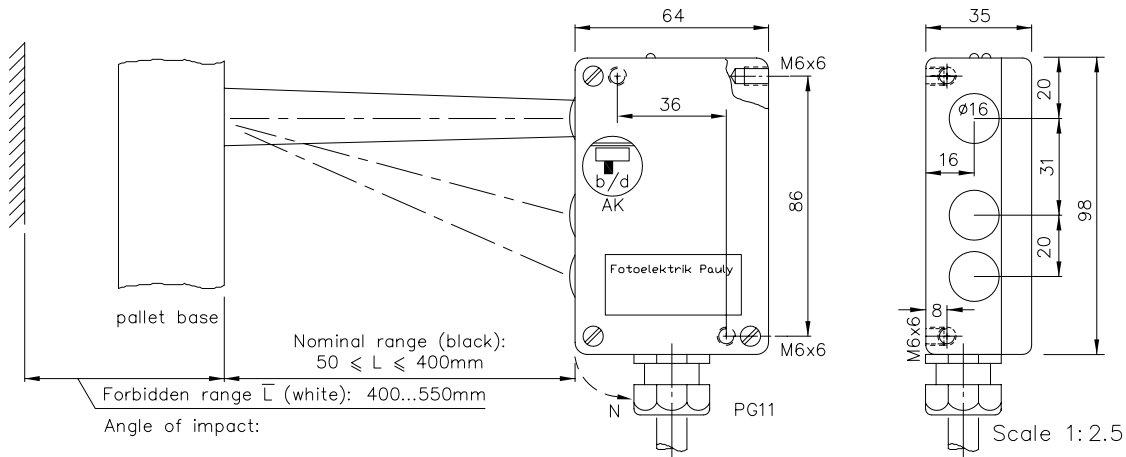


Reflex-Scanner Type JV105RFZ.4 for Shelf Allocation Control with passive Background Response Suppression and Pollution Warning Output



50...400mm

Shelf Allocation Control with passive Background Response Suppression and Pollution Warning

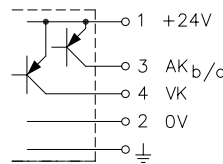
JV105RFZ.4

Order no.:

1428

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: > 2mm²
black: > 15mm²



Connecting diagram of standard version: 24VDC, e2, 4+1 wire No.-Cable



Technical Characteristics:

Housing	Al-Cast
Weight	approx. 450g
Protection mode	IP65
Connection	4+1 pole no.-cable K5
Supply	24VDC/70mA without lead
Output	2x npn 60mA s.c.-prot., e2
Signal mode AK	bright-/darkswitching, selectable
Transmitter light	GaAs 880nm, invisible
Steady light resistance	>80kLx
Interference suppression	forced synchronization
Access time	<12ms/switch transition
Switching rate	40/s
Switch indicator	LED green, red
Ambient temperatur	-25...+60°C

Special design:

Connection	4 pin Plug stLU4 4+1 pin Plug stA5 6+1 pin Plug stA7
Output	nnp 60mA s.c.-prot., e3 Optocoupler 60V/50mA, e1
Access time	"q": <2ms/switch transition
Switching rate	"q": 300/s
Keying range	up to 200/300/500/600/(700)mm
Level indicator	DIANA, i
Heat-protected transducersystem,	p1

Accessories:

Adjustment flange JF11H

Hints: The switching equipment for the pollution warning (VK, red LED) is switched through when dirt or clogging causes the signal level to be under four times the minimum level. *E_ 107x 1.TXT*

Description of the Application:

24.11.05 tb

1428 DE
E_ 1428_1
(04.06.03 gs)
(18.02.05 m)
