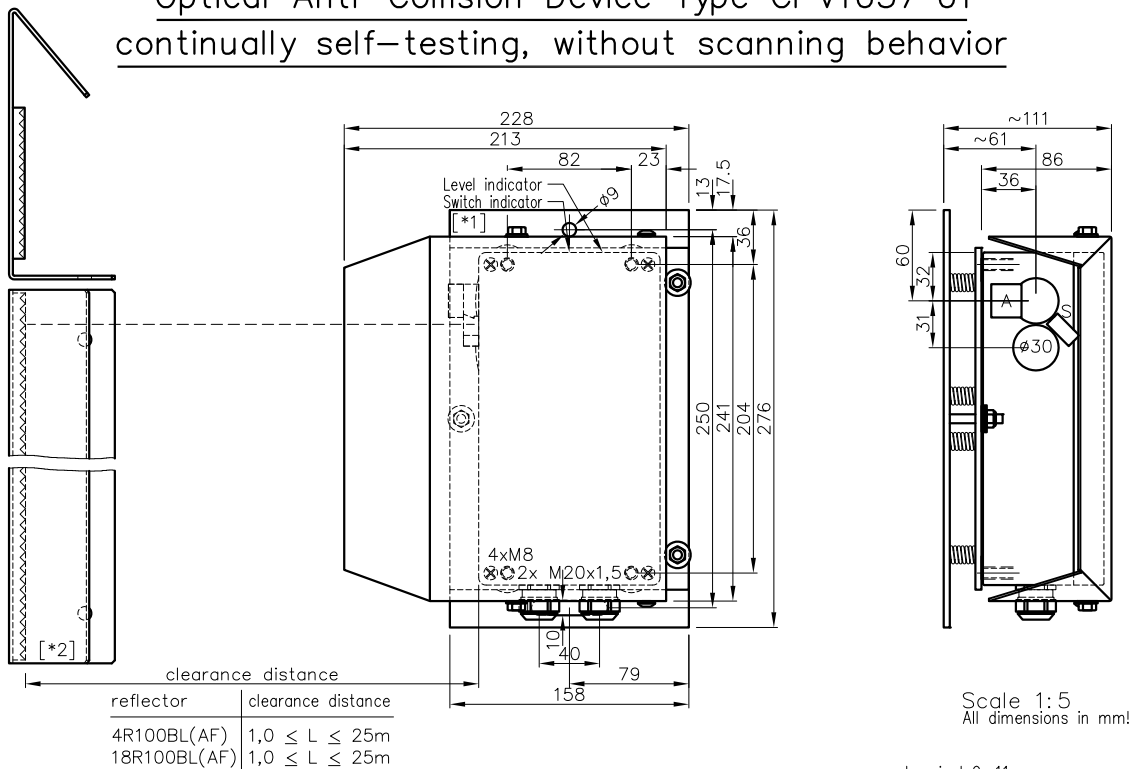


## Optical Anti-Collision Device Type CPV1037\*01 continually self-testing, without scanning behavior



1...25

Optical  
Anti-Collision  
Device,  
continually  
self-testing,  
without  
scanning behavior

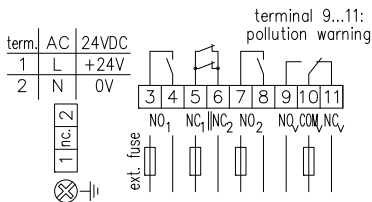
CPV1037\*01

Order no.:

5259M01

### Technical Characteristics:

Housing	Al-Cast
Weight	approx. 3500g without adjustment flange
Protection mode	IP65
Connection	terminal strip
Supply	230VAC/10VA
Output main contact	2x Relay, 2xNO, 1xNC, supervised & forceguided
Output pollution warning	1x Relay, 1xCh
Signal mode	dark switching
Operation mode	Alternating light, dynamic, continually self-testing
Transmitter light	LED 850...880nm, invisible
Access time	approx. 80ms
Switching rate	3/s
Tolerance of distance accuracy	≤ 9% (see operating instructions)
Additional tol. on environmental influences	8% (see operating instructions)
Switch indicator	2x LED green
Level indicator	4x LED red (DIANA, i)
Steady Light Resist.	>80KLx
Operating Temperature	-25...+60°C, non-condensing
Certificate number	HSM 09 079
Safety integrity level (SIL)	1 according to DIN EN 62061
Performance Level (PL)	c according to DIN EN ISO 13849-1
Category (CAT)	2 according to DIN EN ISO 13849-1
MTTF <sub>d</sub>	88a according to DIN EN ISO 13849-1
PFH <sub>d</sub>	6,61x10E-7 h <sup>-1</sup>
Exterior test system, A	
Protection against sabotaging, S	



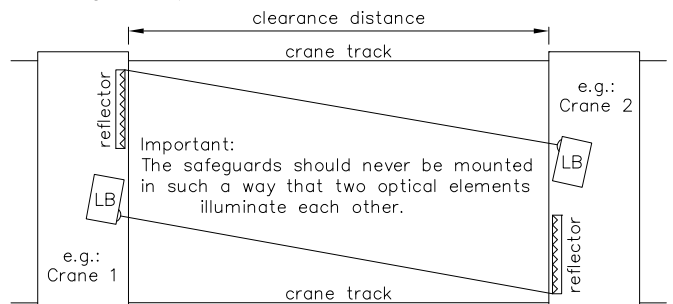
### Options:

Connection	Plug
Supply	24VDC/~350mA
CPV1038*01	115VAC, 42...48VAC with second switching point (#5269M01)

### Note on safety:

Please refer to the operating instructions (E\_52592) for assembly, connecting and adjustment instructions of the light barrier and the corresponding accessories.

### Mounting example:



5259 DE (27.01.10 tb) (04.05.10 tb) (26.10.09 tb) (11.01.10 tb)  
E\_5259 1 (04.07.12 tb) (07.01.13 tb) (13.05.14 tb) (08.12.14 tb)  
15.01.19 tb (27.01.15 tb) (24.11.15 tb) (04.09.17 tb) (07.03.18 tb)

### Accessories:

- Reflectors 4R100BL [\*2] (#6801), 18R100BL (#6802)
- Reflectors anti-fogging version 4R100BLAF (#6801A01), 18R100BLAF (#6802A01)
- Adjustment flange JF152S [\*1] (#8683)