

0 - 15m

Red-Light Reflex

Light Barrier

with

Gloss Suppression

JP193

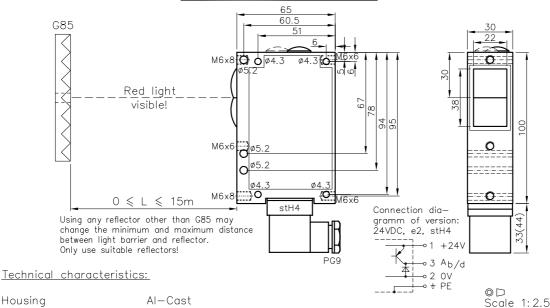
Order no.:

1167

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# Red-Light Reflex Light Barrier Type JP193

## with Gloss Suppression



Housing Al-Cast approx. 350g Weiaht **IP65** 

Protection mode

3+1 pin Plug stH4 Connection

24VDC/40mA without load Supply pnp 60mA s.c.-prot. e2 Output

Signal mode bright/dark selectable

Transmitter light LED 650nm

Steady light resistance >80kLx Interference suppression Force synchronization

Gloss suppression Polarized light Light beam dia. approx. 85mm@6m <12ms/Switch transition Access time

40/s, Relay: 10/s Switching rate

Switch indicator LED

Ambient temperatur -30...+80°C <u>Features:</u>

Plug Connection No.-cable

230V, 115V, 42...48V Optocoupler 60V/50mA, e1 Output Access time Relay 240VAC/5A, 120W/1200VA, 1xCh, R

"q": <2ms/Switch transition "q": 300/s, Relay: 10/s Switching rate Time delay Time delay Switching-on-off-delay, separately

adjustable (only AK), z...

Level indicator DIANA, i

If using cooling water flange, then milled wall, y

Testable by turning off transmitter, ta JV19.. (#107..): Pollution Warning Ou JU19.. (#106..): 'Intelligent' Pollution Pollution Warning Output

'Intelligent' Pollution Warning Output

### Accessories:

Reflector Diaphragms, Optical filters Adjustment flange JF19H(1) Elbow tube adjustment JR19(2) Cooling water flange KW19 Anti heat shield & anti dust tube (K)JT19

Main contact element: The bright-dark switch is accessible by removing the blanking screw marked BL11. Switching to bright means that the output circuit of the main contact element is operated and the switching indicator lights up when the light emitted from the transmitter reaches the receiver after being reflected by the

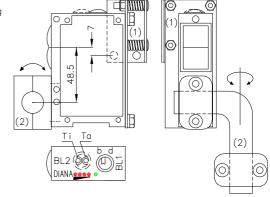
reflector.

O O O O Time delay: The optional delay time potentiometers located under the BL2 (turn-on or other content (ΔΚ) increase by 5005 (Ti) and turn-off delay (Ta)) for the main contact element (AK) increase by àdjusting in a clockwise direction. The adjustable time is between 0s and the end

value of the desired time range (1s, 3s or 10s).

(a) Level indicator: The level indicator "DIANA" (optional, 4x LED red) indicates approximately 20—fold to 25—fold levels above the response threshold. It is not necessary for all DIANA LEDs to light up in order for the light barrier to function

## Adjustment assemblies:



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