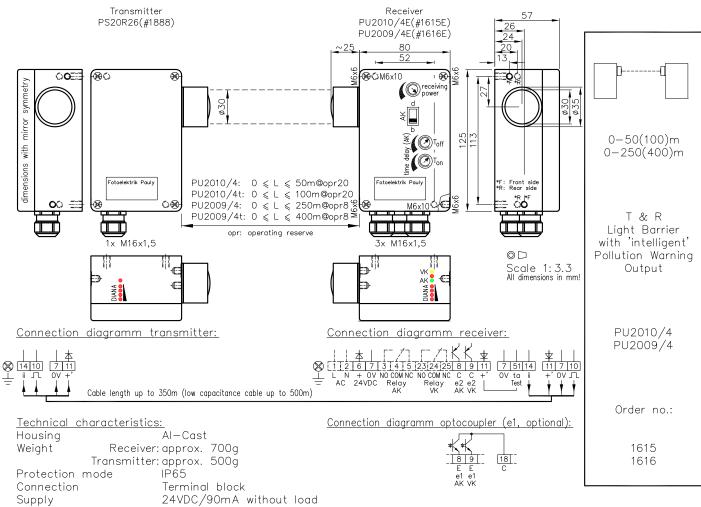


Fotoelektrik Pauly GmbH, Wahrbrink 6, 59368 Werne, Germany, Tel +49 2389 40227-70, Fax +49 2389 40227-77, www.fotoelektrik-pauly.de

## Transmitter-Receiver Light Barrier Types PU2010/4 & PU2009/4 'intelligent' Pollution Warning Output



2x pnp 60mA s.-c.-prot., e2 Output bright-/darkswitching, Signal mode tb) selectable (only AK) (07.11.17 t 03.05.18 t LED 850...880nm, invisible Transmitter light Steady light PU2009/4:>80kLx PU2010/4: >100kLx resistance Interference suppressor Force synchronization ခြော့ခြေခြေ Access time <12ms/switch transition Switching rate electron: 40/s; Relay: 10/s electron.: 40/s; Relay: 10/s Working indicator (transm.) LED red -25...+60°C SE Ambient temperature

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0.50.65 0.60.6 Diaphagms BLd35... P Optical filters

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Testing by transmitter blanking, ta

Cooling water flange KW26 Anti dust tube TUB46

Integrated protection system KJT26 or KRT26\*

\* Including: cooling by water, adjustment, anti dust tube, diaphagms, optical filter

<u>Features:</u> Connection Plug, no.-cable Supply

230VAC, 115VAC, 42...48VAC Output 2x Optocoupler 60V/50mA, e1 2x Relay 250VAC/10A, 2500VA, 1xCh, R

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

Time delay

adjustable (only AK), z... If using cooling water flange, then milled wall, y

Heatprotected transducersystem, pl

Teleobjectives, PU20../4 $\underline{t}$ 

Outputs: The switching equipement for the Pollution Warning Output (VK, yellow LED) is switched if, subsequent to an interruption in light beam (red LED on) and the light path beeing free again (AK, green LED on), dirt or clogging causes the signal level to be under five times the minimum level (red and green LED on) and the light beam is then interrupted again. At this point in time, the light barrier is still fully functional. As soon as dirt has been removed (green LED on, red LED off), the dirt indicator (yellow LED) switches off.
Terminal blocks: Cage clamp; Stripped conductor length 8...9mm;

Conductor cross section 0,25...2,5mm2 (with insulated ferrule up to 1,5mm<sup>2</sup> only); actuated by screwdriver 2,5x0,4mm.

Testing function ("ta", terminal 51): Transmitter activated by +24V; Transmitter deactivated by 0V or nc. To use this function remove wire bridge between terminal 11 & 51.

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