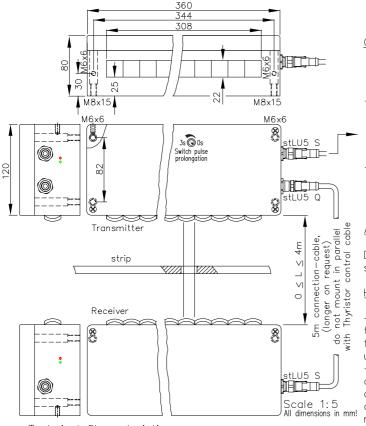


Fotoelektrik Pauly GmbH, Wahrbrink 6, 59368 Werne, Germany, Tel +49 2389 40227-70, Fax +49 2389 40227-77, www.fotoelektrik-pauly.de

Hole Detector Type PP2445/308

for Detection of Welded Seams



<u>Technical Characteristics:</u>

Housing Al-Cast approx. 5000g Weight

Protection Mode IP65

Connection 5-pin connector, 4+PE, stLU5 Supply 24VDC±10%/~0,15A 2x pnp 60mA antivalent, Output

short-circuit proof Switching Mode bright— and darkswitching

Transmitter Light 850 ... 880nm, invisible Steady Light Resistance >80kLx

Interference Suppressor forced synchronisation Access Time Standard: ≥ 12ms/switch Transition

 $\sim 40/s$ Switching Frequency Switch Indicator LED red LED green Operating Indicator

Switch pulse prolongation 0...3s, preset to 1s

Ambient Temperature -25...+60°C

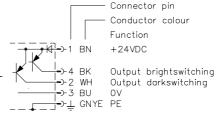
Special Design:

Access Time q:≥ 1,5ms/switch Transition qq:≥ 0,5ms/switch Transition

Control Unit PP83201/2

Cooling Water Flange 2xKW153 (then milled wall, y)

Connection diagram:



Application:

Detection of hole-marked welded

<u>Hints:</u>

- Please refer the diagramm to find the required device. In case of faster strip speeds please contact

- The non-transparent strip must cover the device completely. In case of smaller strips the optical side areas of the device should be masked by non-transparent masks or devices with a smaller detection range should be used.

0 - 4m≥ 2mm

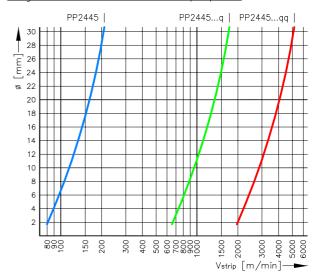
Hole Detector

PP2445/308

Order no.:

4354

<u>Diagram: Hole-size versus strip speed:</u>



04.08.20 1 (p) 4354 DE E_ 4354 1 (28.08.17 tf (10.10.17 tf) (28.08.17 tf) (10.10.17 tf) (28.08.17 tf) (29.08.18 tf) (29.08 tf

The design and make of the devices and their electronics are intellectual property of the company "Fotoelektrik Pauly GmbH". Internal circuit diagrams can, for copyright reasons, not be given therefore. Subject to technical alterations. Errors excepted. The reprinting of this data sheet or the copying of extracts from it are allowed only with the approval of the "Fotoelektrik Pauly GmbH" and with an indication of the sources used. Infringements are punishable by law.