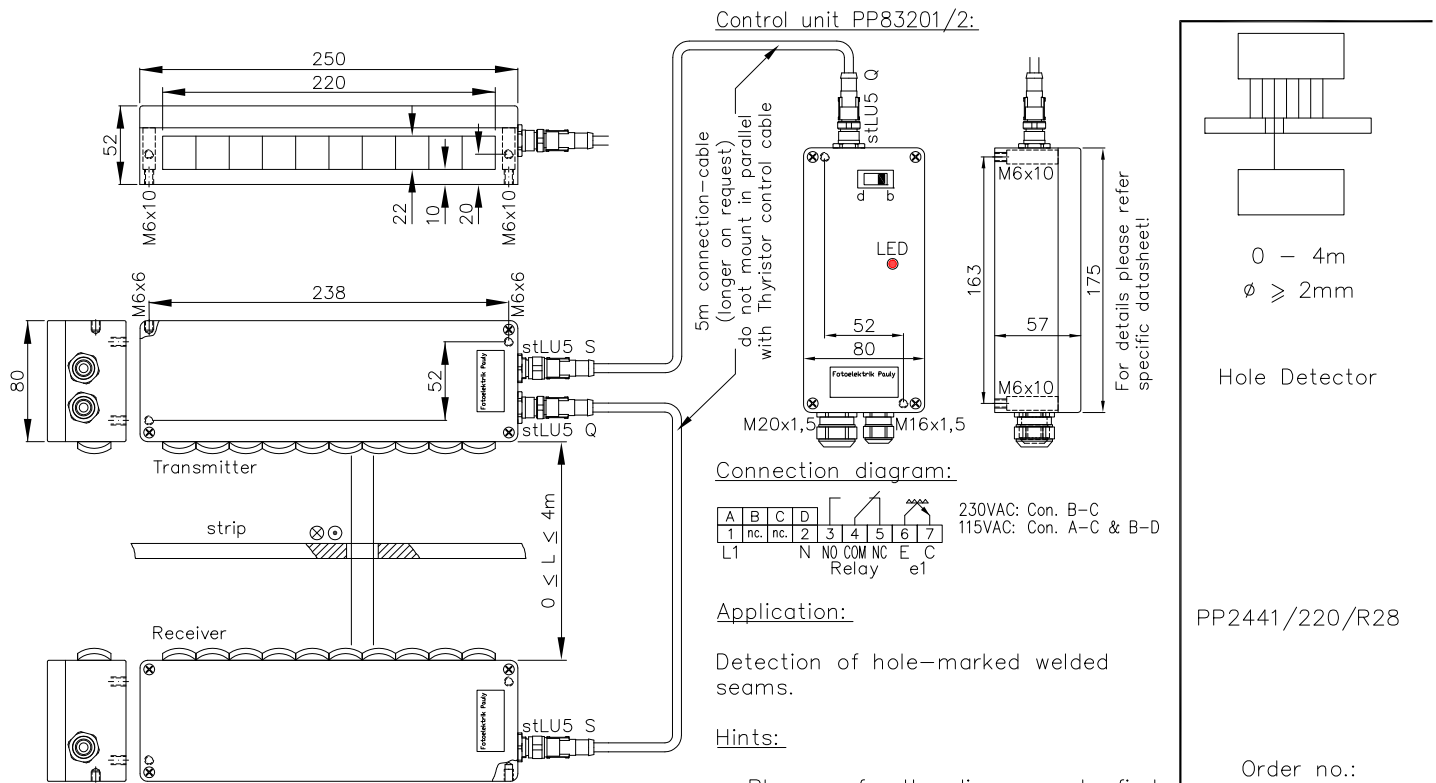


Hole Detector Type PP2441/220/R28 for Detection of Welded Seams



Technical Characteristics:

Housing: Al-Cast
 Weight: approx. 2500g
 Protection Mode: IP65
 Connection*: Terminal block
 Supply*: 230/115VAC/10VA ±10%
 Output*: Relay 250VAC/8A, 150W/1500VA, 1xCh, R
 Optocoupler 60V/50mA, e1
 Switching Mode*: bright-/darkswitching, selectable
 Transmitter Light: 850 ... 880nm, invisible
 Steady Light Resistance: >80kLx
 Interference Suppressor: forced synchronisation
 Access Time: Standard: ≥ 12ms/switch Transition
 Switching Frequency: ~40/s
 Switch Indicator*: LED red
 Switch pulse prolongation*: 0...3s switch-on-off-delay, z3
 Ambient Temperature: -25...+60°C
 *: control unit PP83201/2

Special Design:

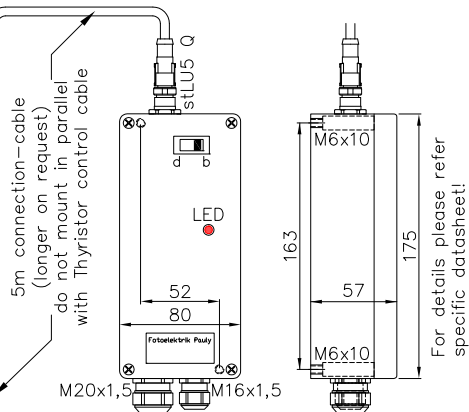
Access Time: q: ≥ 1,5ms/switch Transition
 q: ≥ 0,5ms/switch Transition
 Supply Voltage*: 24VDC, 42...48VAC
 Output*: pnp, e2; npn, e3; short-circuit proof
 Heat-protected optical system, pl

Accessories:

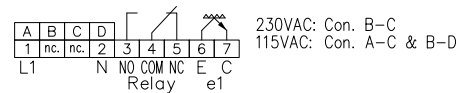
Control Unit PP83201/2
 Cooling Water Flange 2xKW28 (then milled wall, y)

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Control unit PP83201/2:



Connection diagram:



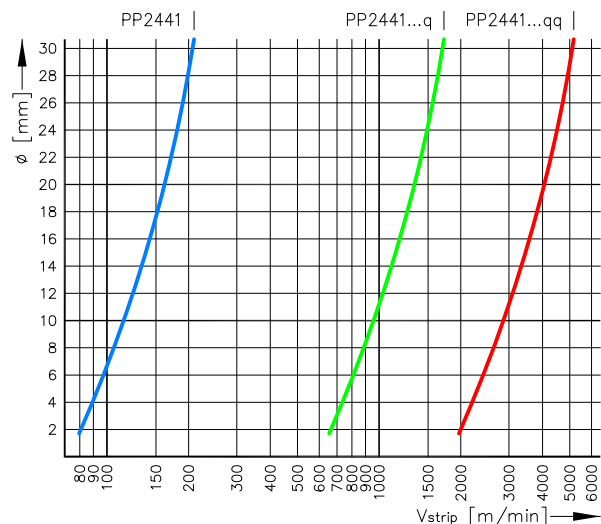
Application:

Detection of hole-marked welded seams.

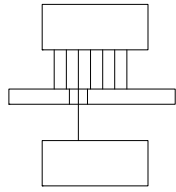
Hints:

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

Diagram: Hole-size versus strip speed:



4313 DE (30.07.96 tb) (30.03.07 tb)
 E_4313 1 (17.06.02 tb) (17.12.13 tb)
 (19.12.89 kg) (02.08.02 tb) 24.11.17 tb
 (20.06.95 tb) (18.11.04 m)



0 - 4m
 ø ≥ 2mm

Hole Detector

PP2441/220/R28

Order no.:
 4313