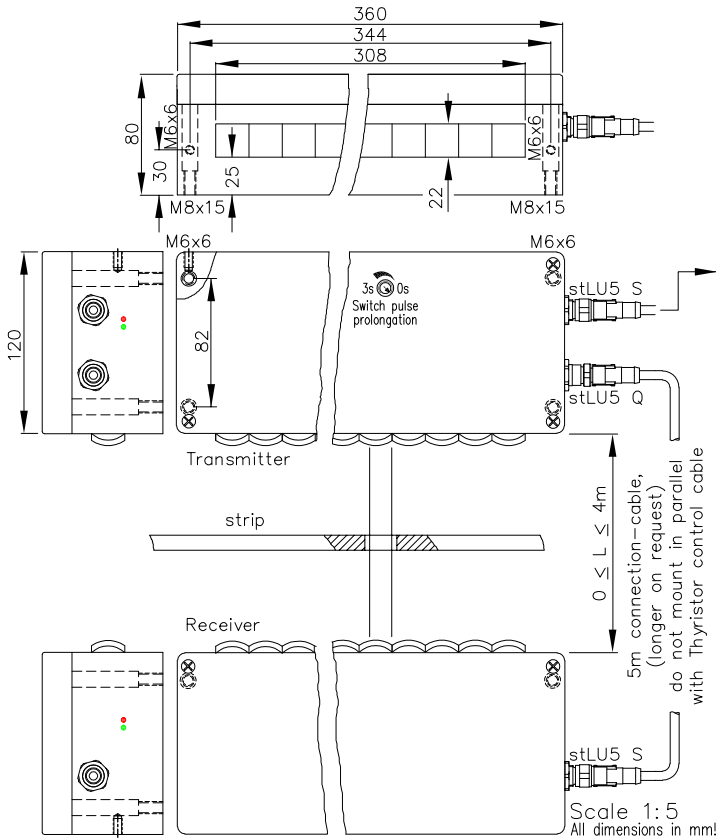
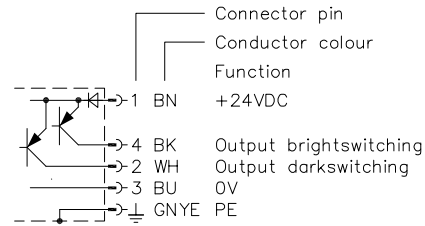


## Hole Detector Type PP2445/308 for Detection of Welded Seams



### Connection diagram:

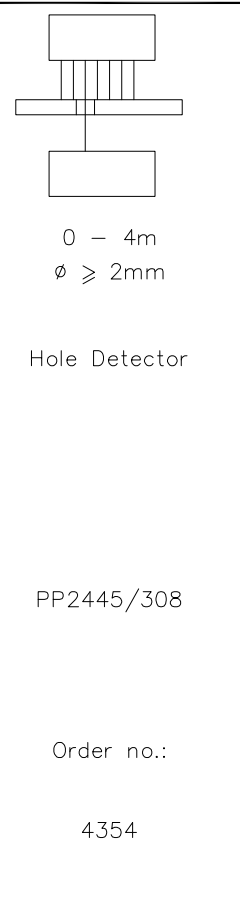


### Application:

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.



### Technical Characteristics:

Housing	Al-Cast
Weight	approx. 5000g
Protection Mode	IP65
Connection	5-pin connector, 4+PE, stLU5
Supply	24VDC±10%/~0,15A
Output	2x pnp 60mA antivalent, 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
Switching Frequency	~40/s
Switch Indicator	LED red
Operating Indicator	LED green
Switch pulse prolongation	0...3s, preset to 1s
Ambient Temperature	-25...+60°C

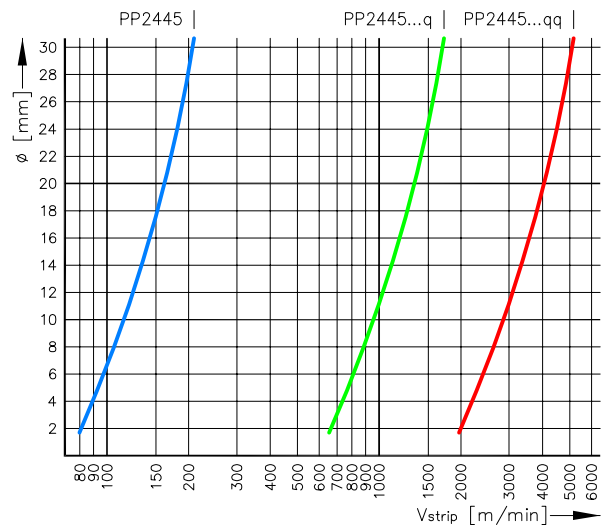
### Special Design:

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

### Accessories:

- Control Unit PP83201/2
- Cooling Water Flange 2xKW153 (then milled wall, y)

### Diagram: Hole-size versus strip speed:



04.08.20 tb

4354 DE  
E\_4354 1  
(28.08.17 tb)  
(10.10.17 tb)