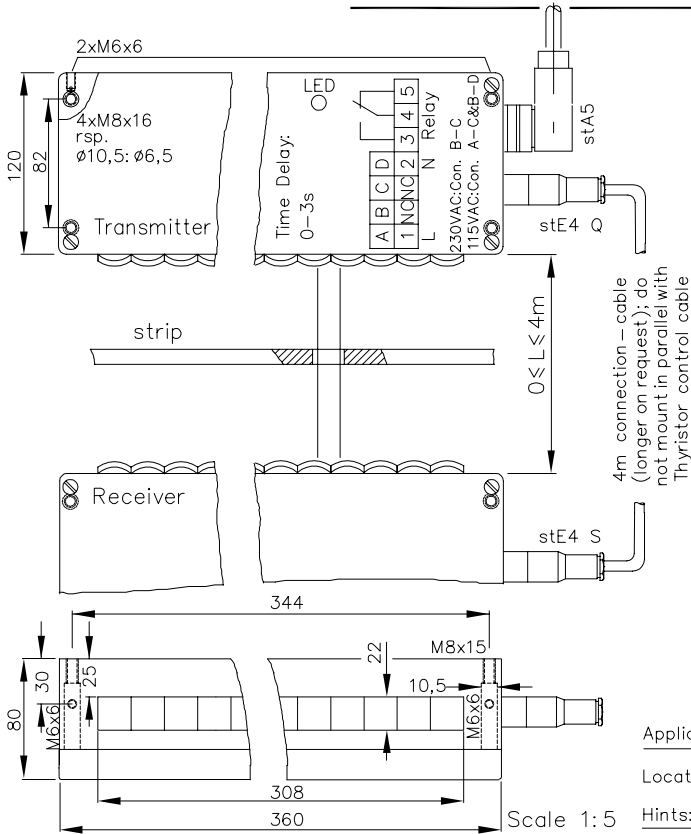
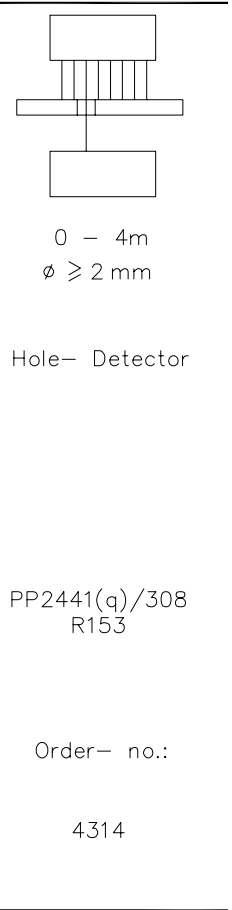
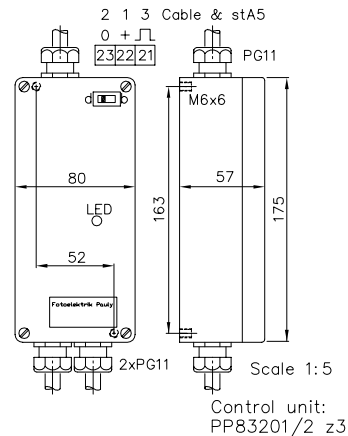


## Hole Detector Type PP2441(q)/308/R153

### For Detection Of Welded Seams



The external control unit PP83201/2 is only necessary for special connections of several hole detectors. Normally, the power supply is placed in the PP2441/R153 transmitter.



**Application:**

Location of hole- marked welded seams

**Hints:**

Speed of strip and diameter of holes define whether a normal- or q-device will be required ( see diagram ). In case of strip speeds above 900m/min please contact us for information.

The (non transparent) strip has to cover the device completely; in case of smaller strips the flanks of the device have to be covered by means of non transparent material.

**Technical Characteristics:**

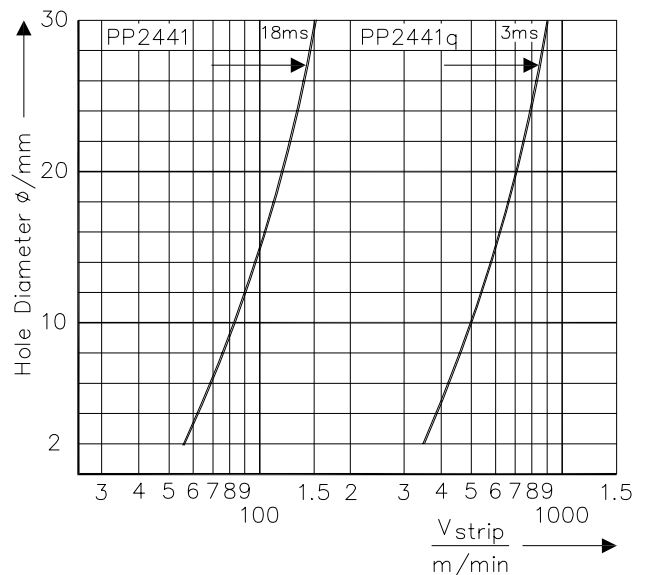
Housing	Al-Cast
Weight	approx. 5000g
Protection Mode	IP65
Supply	230VAC/10VA
Output	Relay, 5A, 900VA, 1xCh, R
Switching Mode	Bright-/darkswitching, selectable
Transmitter Light	GaAs 880nm
Steady Light Resistance	>80kLx
Interference Suppressor	Force Synchronisation
Access Time	q <2ms/Switch Transition (optional)
	normal <12ms/Switch Transition
Switching Frequency	q Relay:10/s;electron.: 300/s (opt.)
	normal Relay: 10/s;electron.: 40/s
Switch Indicator	LED
Time Delay	0-3s switch-on-off-delay, z3
Ambient Temperature	-25...+60°C

**Accessories:**

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

**Special Design (optional):**

Heat-protected optical system, pl	
Supply Voltage	24VDC, 42-48VAC
Outputs	pnp, e2; npn, e3; Optocoupler, e1



4314 DE (28.10.96 tb) 07.12.04 m.j/tb  
E\_ 4314 1 (12.06.97 tb)  
(19.12.89 kg) (17.06.02 tb)  
(19.06.95 tb) (02.08.02 tb)