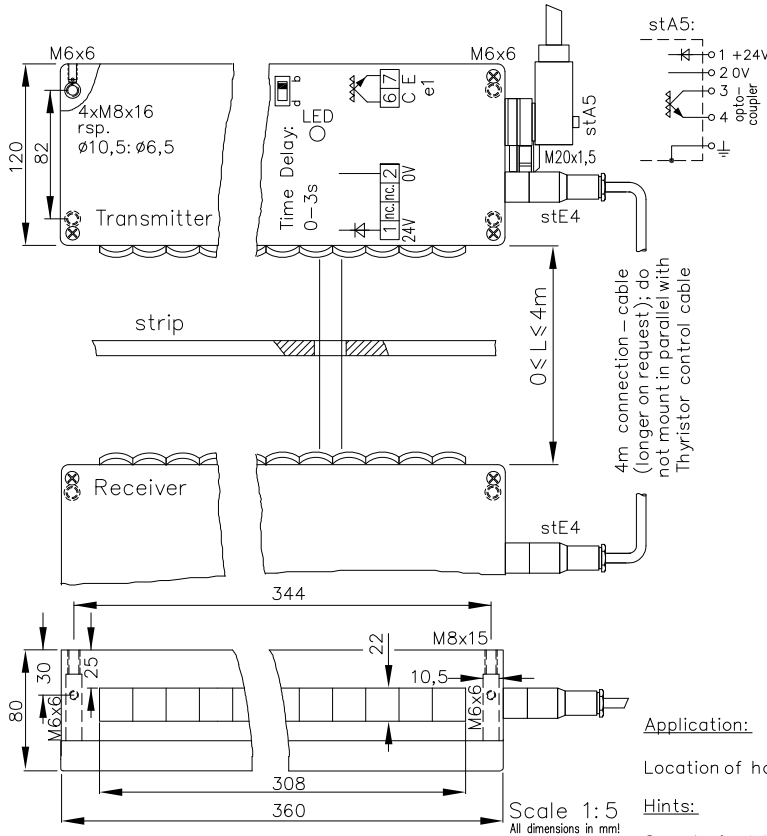
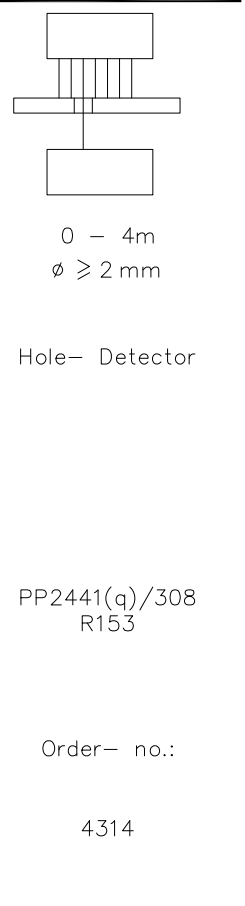
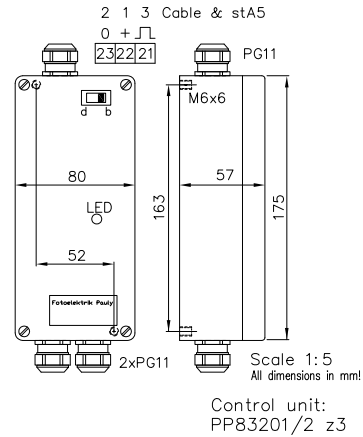


Hole Detector Type PP2441(q)/308/R153 for Detection of Welded Seams



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	24VDC/100mA
Output	Optocoupler 60V/50mA, e1
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	42...48VAC, 115VAC, 230VAC
Outputs	pnp, e2; npn, e3
	Relay, 5A, 900VA, 1xCh, R

