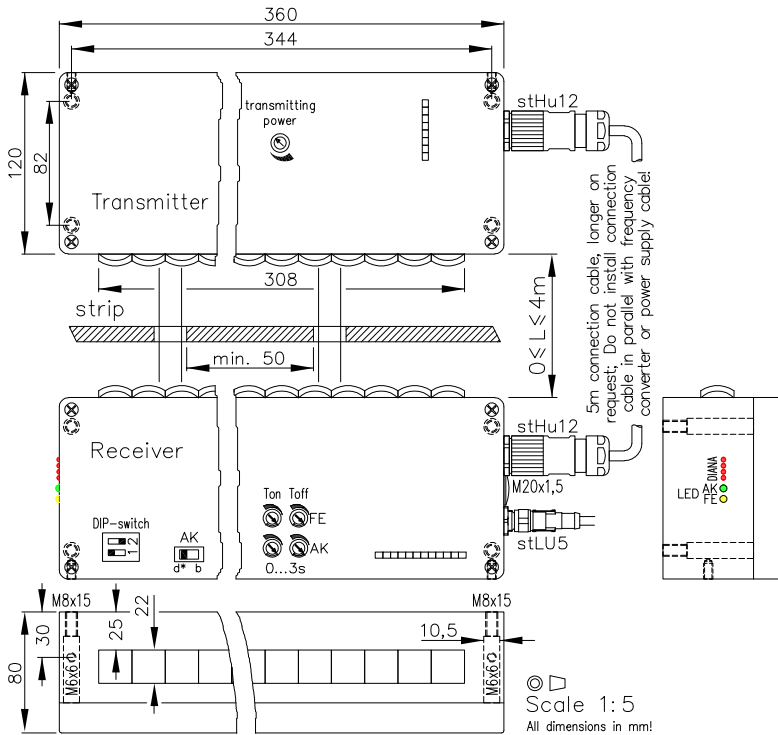
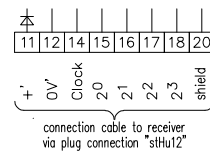


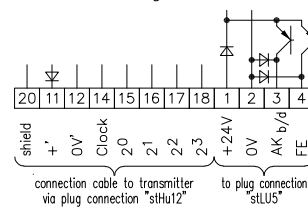
One-, Double- and Triple-Hole Detector Type PP2451q/308/R153 for Detection of Welded Seams



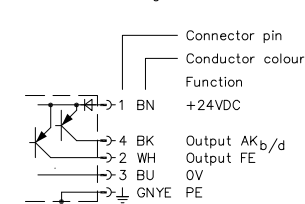
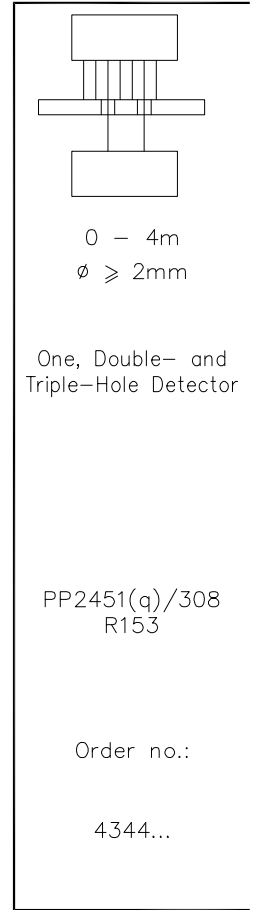
Connection diagram transmitter:



Connection diagram receiver:



Connection diagram "stLU5":

0 - 4m
 $\phi \geq 2\text{mm}$

One, Double- and Triple-Hole Detector

PP2451(q)/308
 R153

Order no.:
 4344...

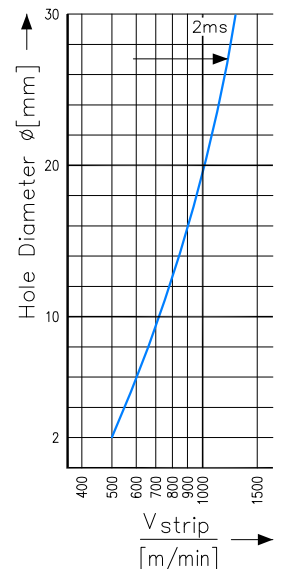
Technical Characteristics:

Housing	Al-Cast
Weight	approx. 5000g
Protection Mode	IP65
Supply	24VDC/~700mA without load
Output	pnp 60mA s.c.prot.,e2
Signal Mode	Bright-/darkswitching, selectable (only AK)
Transmitter Light	GaAs 850...880nm
Steady Light Resistance	>80kLx
Operational mode	multiplex
Interference Suppression	Forced Synchronisation
Access Time	<2ms/Switch Transition
Switching Frequency	~300/s
Switch Indicator	LEDs green (AK), yellow (FE)
Level Indicator	4x LED red (DIANA, i)
Time Delay	0...3s switch-on-off-delay, z3
Ambient Temperature	-25...+60°C

Selection of detection mode:

Detection mode	A	B*	C
No. of holes to detect	only 1	only 2	only 3
Output signal "AK"	1	2	3
No. of holes detected	more than 1	more than 2	more than 3
Output signal "FE"	more than 1	more than 2	more than 3
Position of DIP-switches			

*: factory setting



4344 DE (21.01.13 tb)
 4344 E (02.03.16 tb)
 4344 F (01.08.12 tb)
 4344 G (11.12.12 tb)

Special Design:

Heat-protected optical system, pl
 If using cooling water flange, then milled wall, y
 Supply* 42...48VAC, 115VAC, 230VAC
 Output* npn, e3; Optocoupler, e1
 Relay, 5A, 900VA, 1xCh, R
 *: with control unit PP85302

Accessories:

Control Unit PP85302, (#2437)
 Cooling Water Flange KW153

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