

HIGH SAFETY LEVEL PROBE

MODEL 800

HIGH SAFETY LEVEL SENSOR FOR BOILERS
ACCORDING TO DIRECTIVE 2014/68/UE (PED) – CERTIFIED B+D

DESCRIPTION

The 800 series high safety conductive level probe is used in conjunction with the 210, 211, 230-1 and 231-1 series level controllers (SIL 2) or with the 220, 221, 230 and 231 series controllers (SIL 3) as a low level or high level alarm mainly in steam boilers or other pressure vessels and equipment with a need for a redundant level alarm system.



TECHNICAL FEATURES

OPERATING PRINCIPLE	Conductivity
PROBE BODY	AISI 303 stainless steel
CONNECTION	BSP thread
AVAILABLE CONNECTION SIZES	1/2" and 3/4"
ELECTRICAL CONNECTION	According to DIN 43650-A with PG11 cable gland
MECHANICAL PROTECTION	IP 65
TEMPERATURE	220°C at electrode
OPERATING PRESSURE	32 bar
OPERATING TEMPERATURE	239°C
ELECTRODE	AISI 303
ELECTRODE LENGTHS AVAILABLE	500 mm – 1000 mm
WEIGHT	400 g

HIGH SAFETY LEVEL PROBE

Female connector

Connector DIN 43650A

Male

Distance tube

Wrench 27 or 32

Threaded connection

Ø ½" gas or ¾" gas

Electrode of reference

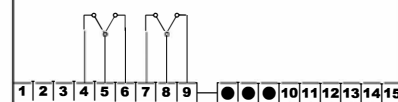
Threaded electrode 8 MA

175

261

86

SERIE-210 / 211



Power Supply

Typical Wire
4 x 0.5 or
4 x 0.25 mm² +
jacket
3m ≤ L ≤ 30

WARNING
To terminals 13 and
14 only connect
wires coming from
the probe 800

Female connector

