

TUNING-FORK LEVEL SWITCH TYPE 8110 / 8111



G 3/4", G 1" and clamp 2", up to 64 bar

- For universal use as overflow or dry run protection system
- Hygienic surface finish
- Extension tubes available



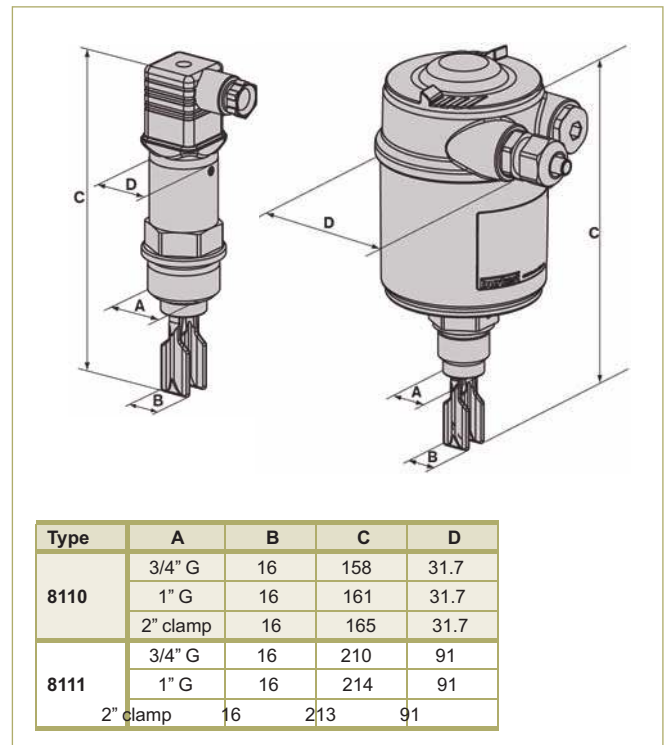
Type 8110

Type 8111

8110 - Level switch tuning fork in a compact stainless steel design. Simple setup without adjustment makes this perfect for deployment into process environments. The 40mm fork offers a clear, reliable measurement and high immunity to turbulence, foam, air bubbles and buildup.

8111 - Tuning fork relay switch for rugged process environments. Super-BRIGHT visual output lets the user know the status from a distance. This device provides peace of mind from overflow or run dry and can be installed in utility or clean tanks and pipes.

Envelope Dimensions [mm] see datasheet for details)



Technical Data

Type	8110	8111
Process connection	G 3/4, G 1 or Clamp 2"	G 3/4, G 1 or Clamp 2"
Max. fluid temperature	+100 °C G +150 °C Clamp	+150 °C G +150 °C Clamp
Materials	Stainless / PEI housing Stainless steel forks KLINGERSIL® seal	Stainless / PBT housing Stainless steel forks KLINGERSIL® seal
Max. fluid pressure	64 bar	64 bar
Voltage supply	10...55 V DC / max. 0.5 W	20...253 V AC (5 A), 50-60 Hz, or 20...72 V DC
Electrical connections	M12	M20 cable glands
Outputs	Transistor output PNP, 250 mA	Relay (DPDT), 2 floating SPDTs
Ingress protection	IP66 and 67	IP66 and 67

Options

8110

- DIN 11851, Flange, SMS
- Higher temperatures on request

8111

- Various length extensions (8112)
- ATEX approvals
- DIN 11851, Flange, SMS
- ECTFE, enamel, Hastelloy C4 or PFA
- Higher temperatures on request

Ordering Chart

Process connection	Electrical connection	Item no.
8110		
G 3/4" ISO 228	Multipin M12	555 290
G 1" ISO 228	Multipin M12	555 292
Clamp 2"	Multipin M12	555 294
8111		
G 3/4" ISO 228	2 x M20 glands	558 110
G 1" ISO 228	2 x M20 glands	558 112
Clamp 2"	2 x M20 glands	558 114

Extension tubes are available (see datasheet 8112).