Radar, capacitive and float level

Capacitive Level Transmitter, 4–20mA, HART or RS485, up to 10 m

Model DW-CLP

Capacitive level transmitter for liquids, oils, powders and granular solids, with 0.1 to 10 m range, 4–20 mA, 4–20 mA with HART or RS485 output, flange, clamp or threaded mounting, an optional LCD display and IP66.



Range
0.1–10 m

Output
4–20 mA, HART or RS485

Protection
IP66

Features

- For liquids, oils, solids, powders and granular media
- 4–20 mA, 4–20 mA with HART, or RS485 output
- Flange, clamp or threaded connection; insertion depth to order
- Optional LCD display
- Stainless steel construction; probe for up to 260 °C optional
- Explosion-proof version available on request

Applications

Water supply and treatment tanks and reservoirs, Hydropower, Petroleum storage tanks, Chemical processing, Silos for powders, grain and pellets

Specifications

Performance

Measuring principle	Capacitive
Measuring range	0.1–10 m
Capacitance range	10–5000 pF
Accuracy	0.2% / 0.5% / 1% FS
Temperature drift	≤0.01% FS/°C
Long-term stability	≤0.1% FS/year

Output	
Output signal	4–20 mA / 4–20 mA + HART / RS485
Display	Optional LCD display
Electrical	
Power supply	15–36 V DC
Mechanical	
Installation method	Flange, clamp or thread; insertion depth to order
Material	316 stainless steel / 1Cr18Ni9Ti / PTFE
Environmental	
Operating pressure	−0.1 to 16 MPa
Medium temperature	−50 to +260 °C (optional)
Ambient temperature	−40 to +80 °C
Ingress protection	IP66
Hazardous-area version	Explosion-proof version available on request

Ordering and support

Pricing, samples, lead time and custom versions: xyx@gzdwin.com, +86 181 0280 8901.

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