

Level transmitters



Features

- ◆ Two-wire: HART feature.
- ◆ Microcontroller based.
- ◆ Rigid and flexible probes.
- ◆ Plug-in field display module.
- ◆ Simple programming.
- ◆ Ex version available.
- ◆ High temperature model.
- ◆ HART communication.

Nivocap CT-300 Series. 2 wire capacitance level transmitter. For liquids, powders, granules.

MODEL	DESCRIPTION	PRICE
	Capacitance solid rod probe level transmitter. <i>Minimum relative dielectric constant of 2.</i> <i>Maximum relative dielectric constant of 60.</i> Housing: Plastic (PBT glass fibre reinforced, flame retardant). Protection: IP67. Mount: 1" BSP. Wetted parts: 316 stainless steel. Probe: Partly or fully coated steel cable. Probe length: Rod, min 0.2m. max 3.0m. Cable, min 1m. max 20m. Ambient temp: -25~70°C. Medium temp: -25~200°C. Pressure: Max. 16 bar at 200.°C. (Absolute). Capacitance: ~600pF/m Power Supply: 12~36Vdc max. 22 mA. Output: 4~20mA, two wire. HART Communication. Load resistance: max. $R_L = (U_S - 12V) / 0.02A$	
CTR-300	Insulated rod, level transmitter.	\$1330.00
CTP-300	Partially rod, level transmitter. <i>The above prices are for probe lengths up to 2.0m.</i>	\$1510.00
CTK-300	Insulated light cable, level transmitter.	\$1345.00
CTL-300	Partially light cable, level transmitter. <i>The above prices are for cable lengths up to 1.0m.</i>	\$1345.00
CTN-300	Insulated heavy cable, level transmitter. <i>The above price is for a cable length of 2.0m.</i>	\$1835.00
Options for Rod probe.		Add Price
	Probe length to a max of 3m.	
	PFA insulated: For each extra 100mm over 2m.	\$15.00
	Partially insulated: For each extra 100mm over 2m.	\$7.00
	High temperature: -25~200°C.	\$195.00
	Ex version: EEx ia/ib IIB T4. (Not high temperature).	\$255.00
Options for Light Cable probe.		Add Price
	Cable length to a max of 20m.	
	FEP insulated: For each extra 1m over 1m.	\$43.00
	Partially insulated: For each extra 1m over 1m.	\$15.00
	Counter weight for light cable probe.	\$148.00
	Ex version: EEx ia/ib IIB T4. (Not high temperature).	\$255.00
Options for Heavy Duty Cable probe.		Add Price
	Medium temp: -25~80°C.	
	Mount: 1.5" NPT or BSP.	
	Cable length to a max of 20m.	
	PE insulated: For each extra 1m over 2m.	\$58.00
	Counter weight for heavy duty cable probe.	\$255.00
Accessories.		
	Display.	\$168.00
	HART Modem.	\$570.00



PROBE SELECTION	
Conductive materials: ◆ Water based solutions. ◆ Acids. ◆ Bases.	Only insulated probe can be used.
Non-conductive materials: ◆ Most petrochemicals. ◆ Solvents.	Insulated or non-insulated probe can be used.