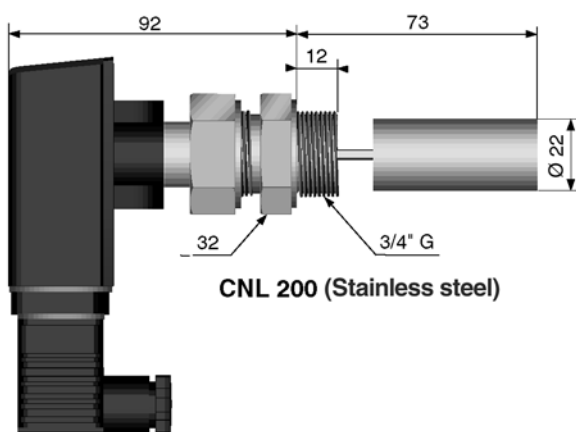
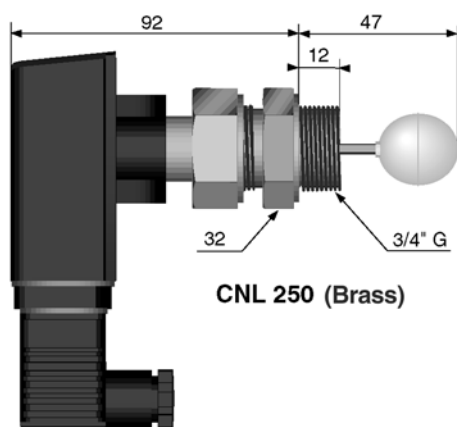


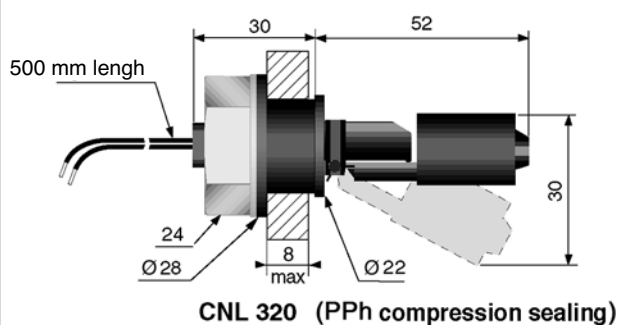
Float Level controller CNL



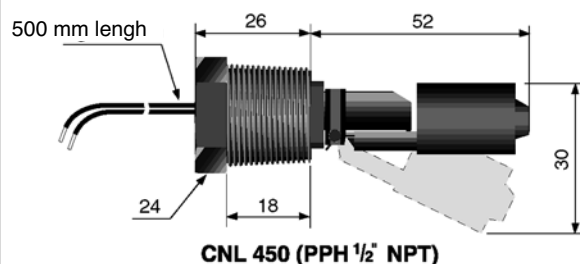
CNL 200 (Stainless steel)



CNL 250 (Brass)



CNL 320 (PPH compression sealing)



CNL 450 (PPH 1/2" NPT)

- Construction: Stainless steel, Brass, PPH
- Tank side-mounting
- NO/NC bi-stable switch

PRINCIPLE

A permanent magnet moves as the float follows the fluid level. When it passes in front of the Reed contact, built in the housing, the signal changes; the end-user set up the logic as a NO or CN contact.

SWITCHES

A NO/NC Reed contact has a low switching capacity. Use our amplifier relay ES2001 (500 VA / 5A / 250 V) to protect the Reed.

Brass and stainless steel models configuration

By moving the contact cable output on its support, you can choose between a NO or NC status:

NO: blue arrow appearing (Open with high level)

NC: red arrow appearing (Close, with high level)

Switch changing point is adjustable all along the arrow length (4 mm) corresponding for the float from 4 to 10 mm below its horizontal position

The hysteresis is from 4 to 10 mm below the horizontal float position.

PPH models

There is no possibility to adjust the PPH models. The mounting position fixes the status of the contact: NC mode when float and controller are on the same axis. A rotation of 180° will change the fixed status to NO. The hysteresis is about 10 mm.

TECHNICAL FEATURES

Body	St.steel 316	Brass	PPH
Float	St.steel	PVDF	PPH
Fluid density, min.	0.83		0.78
Sealing	FPM O-ring		NBR (CNL 320)
T°, max.	110 °C		80 °C
Pressure, max.	6 bar		2 bar
Switching power	1 A max. 230 V AC or 48 V DC max. 26 VA or 20 W max.		

CODE NUMBERS AND REFERENCES

Reference	Code nb	Construction	Mounting
CNL 200	526 200	St. steel 316	R 3/4" G
CNL 250	526 250	Brass	R 3/4" G
CNL 320	526 320	PPH	Ø 16,5 + compression sealing
CNL 450	526 450	PPH	R 1/2" NPT
Amplifier relay for Reed contact protection			
ES 2001	530 200	(Please, refer to the documentation 530-01)	

BAMO MESURES

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Float Level controller
CNL

28-10-2008

526 11 01 G

NIV

526-01/1