

Level- and temperature sensor

Nivotemp NT M-L

The IO-Link compatible combo sensors in the Nivotemp L series are a cost-effective and efficient option for monitoring the liquid level and temperature in oil tanks in hydraulics and lubrication technology. The digital, bidirectional communication of these sensors meets all requirements of modern plant automation, reduces acquisition and installation costs, and improves system availability. Their robust design makes them suitable for virtually any liquid properties, allowing a wide range of applications.

The Nivotemp NT M-L series meets virtually all requirements arising in this area of application.

Connecting flange G3/4 and G1

Continuous liquid level and temperature measurement

Resolution 10 mm (0.4") (liquid level)

IO-Link and 1 x programmable switching output

Proven and tested highly dynamic float system

NBR float, brass immersion tube

Immersion tube length up to 950 mm (37.4") (longer upon request)

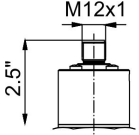


Accessories

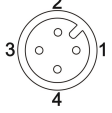
Item no.	Description
9144 05 0010	Connecting cable M12x1, 4-pin, 1.5 m (4.9 ft), angular coupling and straight plug
9144 05 0046	Connecting cable M12x1, 4-pin, 3.0 m (9.8 ft), angular coupling and straight plug
9144 05 0047	Connecting cable M12x1, 4-pin, 5.0 m (16.4 ft), angular coupling and strands

Standard Pin Assignment NT M-L

Connector

	M12 plug A coded
Dimensions	
Number of pins	4-pin
DIN EN	61076-2-101
IP rating	IP67*

*with IP67 cable box attached

Version	LTD-1D1S
Plug	M12 4-pin
Connection schematic	
Pin	
1	+24VDC
2	S2 (PNP max. 200 mA)
3	GND
4	C/Q (IO-Link)