

PRODUCT DATA SHEET

BIA-TRANSDUCER-2M / 804528



PRODUCT DETAILS

The Bia-Transducer-2M is a quality 2 wire 4-20mA level transducer to provide liquid level values to pump controllers and liquid measurement devices

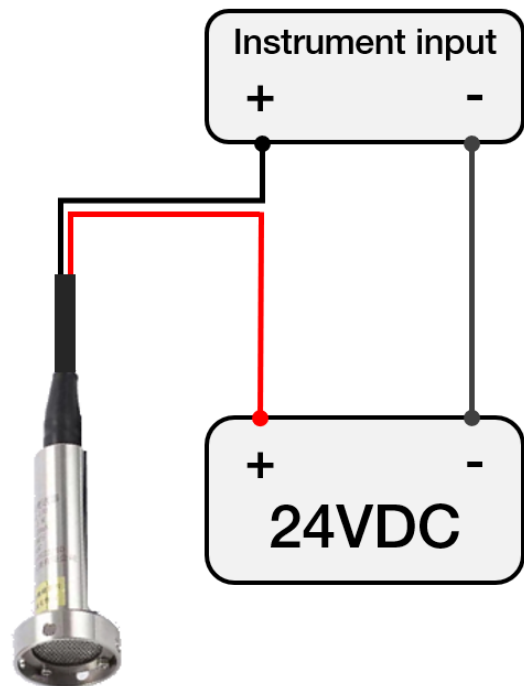
APPLICATIONS

- Liquid level measurement of clean or soiled water



TECHNICAL DATA

SPECIFICATIONS	
POWER SUPPLY VOLTAGE	12 – 36V DC
OUTPUT SIGNAL	4-20mA
MEASUREMENT RANGE	2 meters
MAXIMUM POWER	≤0.5 W
ACCURACY LEVEL	0.5% Full Scale
RESPONSE FREQUENCY)	<100Hz
PERFORMANCE STABILITY	+/- 0.1% FS/Year
TEMPERATURE DRIFT	+/-0.02% FS/Deg C
PROTECTION LEVEL	IP68
OUTER SHELL	304 SS
DIAPHRAGM	316 SS
pH TOLERANCE	pH 4 to 9
WORKING TEMP RANGE	-20 to 60 deg C



This level sensor outputs a relative water level value. The instrument makes no compensation for changes in atmospheric pressure.

Where there is likely to be sediment in the bottom of the tank, install 5cm above the base to prevent silt affecting the operation of the sensor

This sensor is a low current device. Soldered cable joins and shielded (earthed) cable extensions are recommended

Suitable for use with nXt Protect, SPC and DPC pump controllers