

WATER MONITORING SOLUTIONS



Pressure sensors



PTX VL45



PDCR VL45



PDCR 1830



PTX 1830



UNIK 5000

- Rugged sensors
- DTU 2 compatible
- Accuracy: up to $\pm 0,1\%$
- mV or 4-20mA outputs available
- Waterproof - IP68

HYDREKA
www.hydreka.com
A HALMA COMPANY

Applications

The pressure sensors are used for the following applications:

- Pressure measurement on drinking water, wastewater and industrial water full pipe,
- Level measurement in open channels, piezometers, tanks ...



Technical specifications

Tension output (mV)	PDCR 1830	PDCR VL45	PDCR UNIK 5000
Non-linearity, Hysteresis and Repeatability	± 0.1% FS (standard) ± 0.06% FS (optional)	± 0.1% FS	± 0.2% FS
Compensated Temperature Range	-2°C to 30°C	-2°C to 30°C	-10°C to +50°C
Temperature Effects	± 0.3 % FS	± 0.3 % FS	± 0.75 % FS
Operating temperature range	-20°C to 60°C	-20°C to 80°C	-55°C to +125°C
Pressure ranges	75 mBars to 60 Bars	75 mBars to 20 Bars	150 mBars to 70 Bars
Diameter	17.5 mm	18.4 mm	25 mm
Material	Titanium	Titanium	Stainless steel 316
Maximum cable length	100 m	300 m	200 m
Connector	¼ " male	¼ " male	¼ " female
Output	mV	mV	mV
Current output (4-20mA)	PTX 1830	PTX VL45	PTX UNIK 5000
Non-linearity, Hysteresis and Repeatability	± 0.1% FS (standard) ± 0.06% FS (optional)	± 0,1% FS	± 0,2% FS
Compensated Temperature Range	-2°C to 30°C	-2°C to 30°C	-10°C to +50°C
Temperature Effects	± 0,3 % FS	± 0,3 % FS	± 0.75 % FS
Operating temperature range	-20°C to 60°C	-20°C to 80°C	-55°C to +125°C
Pressure ranges	75 mBars to 60 Bars	75 mBars to 20 Bars	150 mBars to 70 Bars
Diameter	17.5 mm	18,4 mm	25 mm
Material	Titanium	Titanium	Stainless steel 316
Maximum cable length	500 m	1 500 m	200 m
Connector	¼ " male	¼ " male	¼ " female
Output	4-20 mA	4-20 mA	4-20 mA

Pressure sensor V.2 - EN - 03/17 - Hydreka reserves the right to modify product technical characteristics without notice.

Products available for sales and rental. Please contact us for more information.

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