

Endress+Hauser Hydrostatic level sensor FMX21-BE121FGB10A

Pressure sensor with capacitive, oil-free ceramic cell for hydrostatic level measurement in fresh water, wastewater and saltwater.



Picture for reference only. Product appearance may vary based on configuration

The Waterpilot FMX21 transmitter with capacitive, oil-free ceramic measuring cell is typically used in the process and environmental applications for hydrostatic level measurement. With HART output, the measuring ranges can be freely adjusted and a density-compensated level measurement can be activated. It is certified for drinking water and offers integrated temperature measurement. Versions for applications in wastewaters and sludges or usage in salt water are also available.

- Robust overload-resistant high purity ceramic sensor (99.9% Al₂O₃)
- Highest level accuracy using temperature compensated density correction
- Flexible scaling of 4 to 20mA with superimposed HART 6.0 output

Configuration of FMX21-BE121FGB10A:

Approval:	BE	ATEX II 2G Ex ia IIC T4-T6 Gb
Output:	1	4-20mA
Probe Tube:	2	316L, d=42mm/1.66in, flush mount
Sensor Range:	1F	400mbar/40kPa/6psi gauge, 4mH ₂ O/13ftH ₂ O/160inH ₂ O
Reference Accuracy:	G	Standard
Calibration; Unit:	B	Sensor range; mbar/bar
Probe Connection:	10	10m cable, shortable, PE
Seal:	A	FKM

Alternative part number: FMX21-1C3K4/0