



Product Comparison

Submersible level transmitters

Type	Description	Accuracy	Min. Full Scale	Max Full Scale	Output(s)	Applications
Econolevel	OEM level transmitter	std. 1% FS TEB opt. 0.5% FS TEB (0...50°C)	11.55 feet ¹ (3.52 meters)	231 feet ¹ (70.4 meters)	Analog: 4...20mA	OEM Ground/Surface Water • Tanks Minimum Order Quantity Applies
Levelgage	General purpose level transmitter	std. 1% FS TEB opt. 0.5% FS TEB (-10...80°C)	3 feet (0.9 meter)	900 feet (275 meters)	Analog: 4...20mA, 0...5VDC, 0...10VDC	Pump Control • Potable Water • Reservoirs Tanks • Leachate • Wastewater Landfills • Lift Stations
LevelRat	Lift station level transmitter	1% FS TEB (-10...80°C)	5 feet (1.5 meters)	100 feet (30 meters)	Analog: 4...20mA	Wastewater • Lift Stations • Tank Level Slurries • Landfills • Leachate
Acculevel	High accuracy, dual-output level transmitter	std. 0.25% FS TEB opt. 0.1% FS TEB (-10...80°C)	3 feet (0.9 meter)	900 feet (275 meters)	Analog: 4...20mA, 0...5 VDC, 0...10 VDC and Digital: RS485	MODBUS Compatible • Groundwater Potable Water • Reservoirs • Tanks Monitoring Wells • Stream Level Optional Titanium Construction
Microlevel	Small bore, 0.63 inch OD, high accuracy level transmitter	std. 0.25% FS TEB opt. 0.1% FS TEB (0...50°C)	3 feet (0.9 meter)	900 feet (274.5 meters)	Analog: 4...20mA and Digital: RS485	Same as Acculevel • Exc. 0.63" OD housing
Nanolevel	Ultra stable for very low level measurement	std. 0.25% FS TEB opt. 0.1% FS TEB (10...50°C)	4 inches (0.1 meter)	10 feet (3 meters)	Analog: 4...20mA and Digital: RS485	MODBUS Compatible • Cooling Towers Weirs • Tank Level • Sump Level Estuary Studies
Digilevel	Precision SDI-12 convertible transmitter	std. 0.1% FS TEB opt. USGS OSW	3 feet (0.9 meter)	900 feet (274.5 meters)	SDI-12	Groundwater • Potable Water • Reservoirs Tanks • Monitoring Wells • Stream Level Optional Titanium Construction

Pressure transmitters

Type	Description	Accuracy	Min. Full Scale	Max Full Scale	Output(s)	Applications
Econoline	General purpose pressure transmitter	std. 1% FS opt. 0.5% FS	15 PSI ¹	10,000 PSI ¹	Analog: 4...20mA, 0.5...4.5VDC	OEM • Fixed Ranges
Valueline	High accuracy pressure transmitter	std. 0.25% FS TEB opt. 0.1% FS TEB	2 PSI	15,000 PSI	Analog: 4...20mA, 0...5 VDC, 0...10VDC	Medium/High Accuracy • Custom Ranges
Preciseline	High accuracy, dual-output pressure transmitter	std. 0.25% FS TEB opt. 0.1% FS TEB	2 PSI	15,000 PSI	Analog: 4...20mA, 0...5 VDC, 0...10 VDC and Digital: RS485	MODBUS Compatible • High Accuracy Custom Ranges

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Product Comparison



Autonomous level loggers

Type	Description	Accuracy	Min. Full Scale	Max Full Scale	Output Interface	Applications
DCX-ECO	Rechargeable level logger - absolute - \varnothing 18mm	0.2% FS TEB	33 feet ¹ (10 meters)	328 feet (100 meters)	Digital RS485	Ground / Surface Water Medium Accuracy • Nominal Ranges
DCX-ECO SG/ VG	Low cost, rechargeable level logger - sealed or vented \varnothing 18mm	0.2% FS TEB	33 feet ¹ (10 meters)	328 feet (100 meters)	Digital RS485	Ground / Surface Water Medium Accuracy • Nominal Ranges Nominal Cable Length • Medium Diameter
DCX 22	High accuracy level logger - Absolute - \varnothing 22mm	typ. 0.05% FS TEB max. 0.1%% FS TEB	16.5 feet (5 meters)	4756 feet (1450 meters)	Digital RS485	Ground / Surface Water Applications High Accuracy • Custom Ranges
DCX22 SG/VG	High accuracy level logger - sealed or vented - \varnothing 22mm	typ. 0.05% FS TEB max. 0.1% FS TEB	16.5 feet (5 meters)	4756 feet (1450 meters)	Digital RS485	Ground / Surface Water High Accuracy • Custom Ranges Custom Cable Length
DCX 22 AA	High accuracy level logger - Absolute/absolute - \varnothing 22mm	typ. 0.05% FS TEB max. 0.1% FS TEB	16.5 feet (5 meters)	4756 feet (1450 meters)	Digital RS485	Ground / Surface Water High Accuracy • Custom Ranges Custom Cable Length
DCX 16	High accuracy level logger - Absolute - \varnothing 16mm	typ. 0.05% FS TEB max. 0.1% FS TEB	16.5 feet (5 meters)	8856 feet (2700 meters)	Digital RS485	Ground / Surface Water High Accuracy • Custom Ranges Custom Cable Length • Smallest Diameter
DCX 16 SG/VG	High accuracy level logger - sealed or vented - \varnothing 16mm	typ. 0.05% FS TEB max. 0.1% FS TEB	16.5 feet (5 meters)	8856 feet (2700 meters)	Digital RS485	Ground / Surface Water High Accuracy • Custom Ranges Custom Cable Length • Smallest Diameter
DCX 38 VG	Ultra stable autonomous logger for low pressure ranges	0.2% FS TEB	1.625 feet (0.5 meters)	9.84 feet (3 meters)	Digital RS485	Cooling Towers • Weirs • Tank Level Sump Level • Estuary Studies
DCX 25 PVDF	Autonomous data collector for aggressive media	typ. 0.05% FS TEB max. 0.1% FS TEB	32.8 feet (10 meters)	328 feet (100 meters)	Digital RS485	Ground / Surface Water Applications High Accuracy • Polyvinylidene Fluoride (PVDF) housing for aggressive media

Notes

1. Only certain, nominal ranges are available. Please consult product datasheet or contact a sales engineer for more information.
2. Level range may be specified in units of lb/in²(psi), inches or feet of water column (WC). Keller America uses the International Standard conversion of 2.3067 feet WC/psi.
3. Total Error Band (TEB) Includes the combined effects of non-linearity, hysteresis and non-repeatability as well as thermal dependencies, over the compensated temperature range, expressed as a percentage of the Basic Range.
4. For custom configurations and all other Keller products, please contact Keller America.
5. Specifications are subject to change without notification.

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