E2K-L26MC1 2M



Product Overview

Capacitive, Liquid level sensing, Applicable pipe diameter 12 to 26 mm, NPN, NO, 2 m cable

Specifications

Specifications

Updated: 2026/03/28

Sensing head size	33 mm
Sensing head size	34 mm
Sensing head size	20 mm
Type	Capacitive type
Type	Unshielded
Type	Square type
Power source	DC Three-wires models
Differential distance	0.3 to 3 mm
Repetition precision	±0.2 mm max.
Sensing object	Liquid
Power supply voltage	12 to 24 VDC ripple (p-p) 10% max.
Operating voltage range	10.8 to 30 VDC
Current consumption	12 mA max.
Control output (Output type)	NPN open collector
Control output (Switching capacity)	100 mA max.
Control output (Residual voltage)	1 V max.(Load current 100 mA with cable length of 2 m)
Indicator	Detection indicator (orange)
Operation mode	NO
Sensitivity setting	Sensitivity adjuster
Ambient temperature (Operating)	0 to 55 °C
Ambient temperature (Storage)	-10 to 65 °C

Ambient humidity (Operating)	25 to 85%
Ambient humidity (Storage)	25 to 85%
Temperature influence	±4 mm of detection level at 23 °C in the temperature range of 0 to 55 °C (with pure water or 20% saline solution)
Voltage influence	±0.5 mm of detection level at the rated voltage in rated voltage ±10% range
Insulation resistance	50 MΩ min. at 500 VDC(Between charged parts and the case)
Dielectric strength	500 VAC 50/60 Hz 1 min(Between charged parts and the case)
Vibration resistance	(Destruction) 10 to 55 Hz, 1.5 mm double amplitude each in X, Y, and Z directions for 2 h
Shock resistance	(Destruction) 500 m/s^2 3 times each in X, Y and Z directions
Degree of protection	IP66(IEC)
Connection method	2 m
Connection method	Pre-wired models
Weight	Approx. 70 g(Package)
Material	(Case) Heat-resistant ABS resin / (Cable clamp) NBR

Standards certification

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Updated: 2026/11/04 18:01

UL	No
CSA	No
CE	Yes
CCC	N/A
Marine	No

Yes: Certified / Conform No: Not certified / Not conform N/A: Out of Scope

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