



213110
KDC 18 M 08L PSK-IBSL
Capacitive proximity switch

- Detection of electrically conductive and electrically non-conductive materials
- Detection of liquids, powdery and solid materials
- Detection possible even through containers and packaging
- Sensitivity is adjustable
- Electronics integrated
- Protection against short-circuit and reverse polarity
- LED



Function											
											 

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	18 mA
Inverse polarity protection	Yes
Short-circuit protection	Yes
Insulation voltage endurance	75 V
Installation type	Flush
Thread	M18 x 1
Housing length	88 mm
Housing material	Stainless steel (V2A 1.4305 / AISI 303)
Protection class	III, operation on protective low voltage
Approvals	UL
Operating principle	Capacitive
Evaluation	digital
Design	Thread
Scope of delivery	2 x M18 nuts
Switching output	pnp, 100 mA, NO
Voltage drop (max.)	1.5 V
Switching distance (SN)	8 mm (1 to 8 mm adjustable)
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer
Display	LED (Output status)
Switching frequency	100 Hz
Ambient temperature during operation	-25 ... +80 °C
Protection type	IP 67
Connection	Connector, M12 x 1, 4-pin
Connection cable	VK ...



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