

Cable Type

Ultra-small-DLX series



Model	
NPN normally open	DLX-F05-1.5 \overline{NO}
Other	\overline{NO} :NPN Normally Open \overline{NC} :NPN Normally Closed \overline{PO} :PNP Normally Open \overline{PC} :PNP Normally Closed
Basic Features	
Working principle	Inductive Sensors
Enclosure style	Cylindrical
Installation	Flush
Detection distance	0.8mm/1.0mm/1.2mm/1.5mm \pm 10%
Thread specification	M5
Sensing surface material	PA66
Detection	Metal sensor
Light	Operating status: LED
Detection distance adjustment	None
Electrical Data	
Switch mode	NO: Normally Open, NC: Normally Closed
Output mode	NPN or PNP open collector
External Input	None
Switching frequency	2kHz
Repeatability	5%
Hysteresis(Return/Response)	15%
Operating voltage	10~30V DC \pm 10%
Current consumption	\leq 10mA
Residual voltage	\leq 1.5V
Load current	100mA
Leakage Current	<0.01mA
Insulation resistance	Between power terminal and housing \geq 50M Ω (500VDC)
Resistance	1000VAC (50/60Hz), 1 minute between power terminals and case
Vibration resistance	10~55Hz, amplitude 1.5mm, X/Y/Z axis, 2 hours each
Protection circuits	/
Environmental Conditions	
Operating ambient temperature	-25~+75 $^{\circ}$ C
Humidity of the working environment	35~85%
Ingress protection	IP67
Mechanical Data	
Connection	2m/3-wire cable
Size	M5x25.0mm
Material	Stainless steel + PA66
Weight	0.007kg
Fittings	Nut M5x0.5

Cable type size specifications

M5

DLX-F05-0.8/01/1.2/1.5□□

