

Cable Type

Ultra-small-DLX series

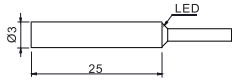


Model		
NPN normally open	DLX-F03-0.8(NO)	DLX-F04-1.2(NO)/DLX-F04-1.5(NO)
Other	(NO):NPN Normally Open (NC):NPN Normally Closed	(PO):PNP Normally Open (PC):PNP Normally Closed
Basic Features		
Working principle	Inductive Sensors	
Enclosure style	Cylindrical	
Installation	Flush	
Detection distance	0.6mm/0.8mm/1.0mm±10%	0.8mm/1.0mm/1.2mm/1.5mm±10%
Thread specification	/	
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	1%	
Hysteresis(Return/Response)	15%	
Operating voltage	10~30V DC±10%	
Current consumption	≤10mA	
Residual voltage	≤1.5V	
Load current	100mA	150mA
Leakage Current	<0.01mA	
Insulation resistance	Between power terminal and housing ≥50MΩ (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°C	
Humidity of the working environment	35~85%	
Ingress protection	IP67	
Mechanical Data		
Connection	2m/3-wire cable	
Size	Ø3.0x25.0mm	Ø4.0x25.0mm
Material	Stainless steel + PA66	
Weight	0.005kg	0.007kg
Fittings	/	

Cable type size specifications

 $\phi 3$

DLX-F03-0.6/0.8/01□□

 $\phi 4$

DLX-F04-0.8/01/1.2/1.5□□

