

Cable Type

Tiny Square-DLE Series

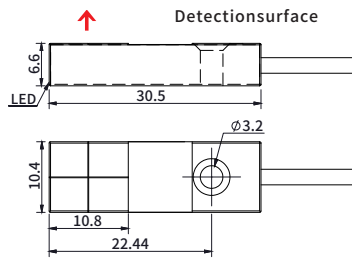


Model			
NPN normally open	DLE-N10-2.5 NO	DLE-N10-04 NO	DLE-N12-04 NO
Other	NO :NPN Normally Open	NC :NPN Normally Closed	PO :PNP Normally Open PC :PNP Normally Closed
Basic Features			
Working principle	Inductive Sensors		
Enclosure style	Mini Blocks		
Installation	Non-flush		
Detection distance	2.5mm±10%	4.0mm±10%	
Thread specification	/		
Sensing surface material	PC		
Detection	Metal sensor		
Light	LED 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	0.8kHz	0.2kHz	
Repeatability	5%	1%	
Hysteresis (Return/Response)	15%		
Operating voltage	10~30V DC±10%		
Current consumption	≤10mA		
Residual voltage	≤1.5V		
Load current	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	Short-circuit protection		
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	30.5x10.4x6.6mm	30.5x12.4x8mm	
Material	Plastic+PC		
Weight	0.05kg		
Fittings	/		

Cable type size specifications

E10

DLE-N10-2.5/04 □□



E12

DLE-N12-04 □□

