

## Universal short housing

## Short Shell-DLS Series



Model	
NPN normally open	DLS-N08-04 <input checked="" type="checkbox"/> NO
Other	<input type="checkbox"/> NO:NPN Normally Open <input type="checkbox"/> NC:NPN Normally Closed <input type="checkbox"/> PO:PNP Normally Open <input type="checkbox"/> PC:PNP Normally Closed
Basic Features	
Working principle	Inductive Sensors
Enclosure style	Cylindrical
Installation	Non-flush
Detection distance	2.0mm/4.0mm $\pm$ 10%
Thread specification	M8
Sensing surface material	PBT
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/1kHz
Repeatability	1%
Hysteresis (Return/Response)	15%
Operating voltage	10~30V DC $\pm$ 10%
Current consumption	$\leq$ 10mA
Residual voltage	$\leq$ 1.5V
Load current	150mA
Leakage Current	<0.01mA
Insulation resistance	Between power terminal and housing $\geq$ 50M $\Omega$ (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	M8x35.0mm
Material	Stainless steel + PBT
Weight	0.012kg
Fittings	Nut M8x1.0

Universal short shell dimensions

M8

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