

PART G-01 ~ G-38

Diameter

● Shielded ○ non-Shielded

Switching Distance Sn mm

Housing Material

● With LED ○ Without LED

Dimensions (unit: mm)

Operating Voltage

Ripple

No Load Current

Max. Load Current

Leakge Current

Surge Current

Min. Load Current

Voltage Drop

Switching Frequency

Response Time

Switching Hysteresis

Repeat Accuracy

Protection Category

Operating Temperature

Temperature Drift

Short Circuit Protection

Overload Trip Point

Time Delay Before Availability

EMC

Shock / Vibration

Material Active Face

DC 3 wire 10-30V NPN N.O.

DC 3 wire 10-30V NPN N.C.

DC 3 wire 10-30V PNP N.O.

DC 3 wire 10-30V PNP N.C.

DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)

DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)

DC 2 wire 10-60V N.O.

DC 2 wire 10-60V N.C.

DC 3 wire 10-55v NPN N.O. or NAMUR

DC 3 wire 10-55v NPN N.C.

DC 3 wire 10-55v PNP N.O.

DC 3 wire 10-55v PNP N.C.

DC 3 wire 5-36V NPN N.O.

DC 3 wire 5-36V NPN N.C.

DC 3 wire 5-36V PNP N.O.

DC 3 wire 5-36V PNP N.C.

DC 4 wire 5-36V Changeover PNP (N.O & N.C.)

DC 4 wire 5-36V Changeover NPN (N.O & N.C.)

Remark

Cable 2M (PVC)

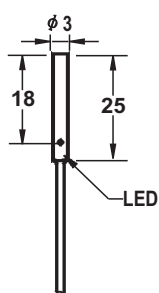
Weight

Please put each catalog page in the blank. The specification on the left will help your reading.

DC MINIATURE LONG SENSING DISTANCE PROXIMITY SWITCH

$\phi 3$

1.0 mm
stainless steel

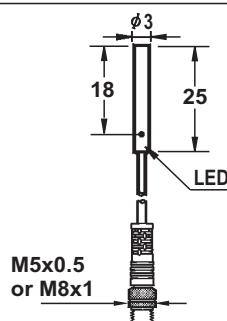
10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<1.5V
3KHZ
0.1ms/0.1ms
<15%(Sr)
<2.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
POM

[illegible][illegible]

2.3 $\phi 3 \times 0.15$
Approx. 22 g

$\phi 3$

1.0 mm
stainless steel

10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<1.5V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<2.0%(Sr)
IP67
-25° C - +70 ° C
<10%(Sr)
YES
220mA
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
POM

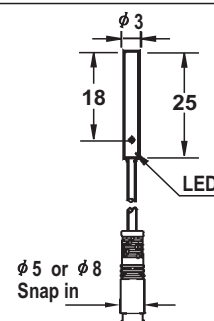
[illegible]

FCU***P5	└─ M5 Pigtail mode
FCU***P8	└─ M8 Pigtail mode

2.3 ϕ 3x0.15	
Approx.22 g	Approx.23 g

$\phi 3$

1.0 mm
stainless steel

10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<2.0V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<2.0%(Sr)
IP67
-25°C - +70 °C
<10%(Sr)
YES
220mA
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
POM

[illegible]

FCU*** / SN5
 ———— $\varnothing$ 5 Pigtail mode

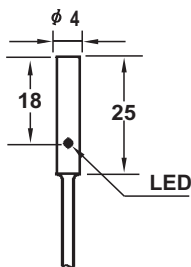
FCU*** / SN8
 ———— $\varnothing$ 8 Pigtail mode

2.3 ϕ 3x0.15	
Approx.22 g	Approx.23 g

DC MINIATURE LONG SENSING DISTANCE PROXIMITY SWITCH

$\phi 4$

1.5 mm
stainless steel

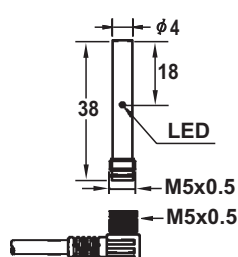
10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<1.5V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<2.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
POM

[illegible]

2.7 ϕ 3x0.15
Approx.22 g

$\phi 4$

1.5 mm
stainless steel

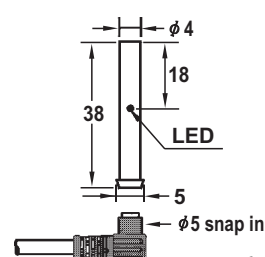
	10-30VDC
	<10%
	<10mA
	200mA
	<0.01mA
	-
	-
	<1.5V
	2KHZ
	0.1ms/0.1ms
	<15%(Sr)
	<2.0%(Sr)
	IP67
	-25 °C - +70 °C
	<10%(Sr)
	YES
	220mA
	<10ms
	RFI>3V/m / EFT>1KV / ESD>4KV (contact)
	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
	POM

[illegible]

Approx.18 g

$\phi 4$

1.5 mm
stainless steel

10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<2.0V
2KHZ
0.1ms/0.1ms
<15% <i>(Sr)</i>
<2.0% <i>(Sr)</i>
IP67
-25°C - +70 °C
<10% <i>(Sr)</i>
YES
220mA
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
POM

[illegible]

Ø5 Miniature snap in connector
Approx.18 g

Ø4、M4

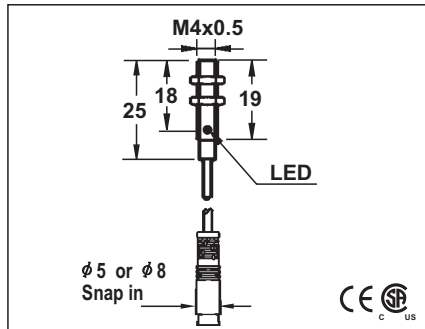
DC MINIATURE LONG SENSING DISTANCE PROXIMITY SWITCH

[illegible][illegible]

M4		
●		
1.0 mm		
stainless steel		
●		
M4x0.5 25 18 19 LED M5x0.5 or M8x1		
CE SP C US		
10-30VDC		
<10%		
<10mA		
200mA		
<0.01mA		
-		
-		
<1.5V		
2KHZ		
0.1ms/0.1ms		
<15%(Sr)		
<2.0%(Sr)		
IP67		
-25°C - +70 °C		
<10%(Sr)		
YES		
220mA		
<10ms		
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
POM		
LCU1-0401N-A3S0.2/P529LCU1-0401N-A3S0.2/P8		
LCU1-0401N-B3S0.2/P530LCU1-0401N-B3S0.2/P8		
LCU1-0401P-A3S0.2/P531LCU1-0401P-A3S0.2/P8		
LCU1-0401P-B3S0.2/P532LCU1-0401P-B3S0.2/P8		

DC MINIATURE LONG SENSING DISTANCE PROXIMITY SWITCH

M4
●
1.0 mm
stainless steel
●



10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<2.0V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<2.0%(Sr)
IP67
-25°C - +70 °C
<10%(Sr)
YES
220mA
<10ms

RFI>3V/m / EFT>1KV / ESD>4KV (contact)

IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

POM

LCU1-0401N-A3S0.2/SN5	29	LCU1-0401N-A3S0.2/SN8
LCU1-0401N-B3S0.2/SN5	30	LCU1-0401N-B3S0.2/SN8
LCU1-0401P-A3S0.2/SN5	31	LCU1-0401P-A3S0.2/SN8
LCU1-0401P-B3S0.2/SN5	32	LCU1-0401P-B3S0.2/SN8

FCU***/SN5

└─ φ 5 Pigtail mode

FCU***/SN8

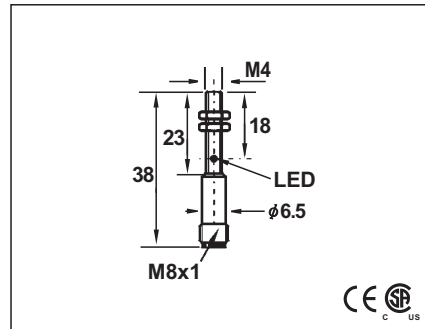
└─ φ 8 Pigtail mode

2.3 φ3x0.15

Approx.30 g

Approx.31 g

M4
●
1.0 mm
stainless steel
●



10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<1.5V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<2.0%(Sr)
IP67
-25°C - +70 °C
<10%(Sr)
YES
220mA
<10ms

RFI>3V/m / EFT>1KV / ESD>4KV (contact)

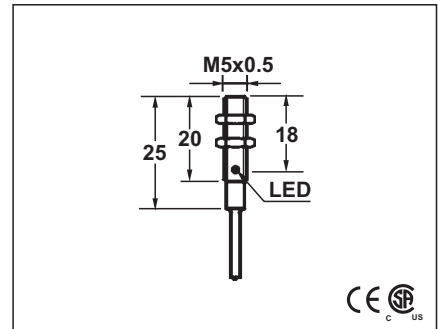
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

POM

LCU1-0401N-ACU3	25
LCU1-0401N-BCU3	25
LCU1-0401P-ACU3	26
LCU1-0401P-BCU3	26

Approx.22 g

M5
●
1.5 mm
stainless steel
●



10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<1.5V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<2.0%(Sr)
IP67
-25°C - +70 °C
<10%(Sr)
YES
220mA
<10ms

RFI>3V/m / EFT>1KV / ESD>4KV (contact)

IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

POM

LCU1-051.5N-A3U2	1
LCU1-051.5N-B3U2	2
LCU1-051.5P-A3U2	3
LCU1-051.5P-B3U2	4

2.7 φ3x0.15

Approx.22 g

DC MINIATURE LONG SENSING DISTANCE PROXIMITY SWITCH

[illegible][illegible][illegible]