

CAPACITIVE SENSORS - LEVEL SERIES

Housing Diameter: **M12 x 1**

Sensing distance Sn: 1...8 mm +/- 10%

Part Number:

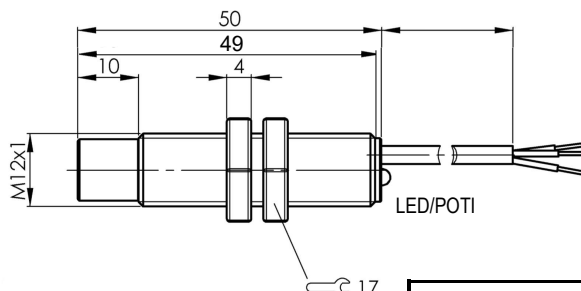
LCC-M12/50-8-NF-P-NO-MS

LCC-M12/50-8-NF-P-NC-MS

LCC-M12/50-8-NF-N-NO-MS

LCC-M12/50-8-NF-N-NC-MS

non-flush mount



Dimensions are in mm.

Material Data:

Housing: Stainless steel

Sensing face: PTFE

Connection: 2m PUR cable, 3x26AWG

This sensor has the following technical specifications:

Wiring and Mounting Info

Supply voltage U_B	12 ... 35 V DC	Switching distance adjustable	Yes
Voltage drop U_d at I_e	≤ 0.8 V	Ambient temperature T_a	-30...+70°C
Rated insulation voltage U_i	75 V DC	Switching frequency	100 Hz
Output current max.	200 mA	Supply voltage / Output function indicator	No / Yellow LED
No-load supply current I_o max.	≤ 10 mA	Degree of protection as per IEC 60529	IP 65
Polarity reversal protected	Yes	Hysteresis H max. (% of Sr)	15.0 %
Short-circuit protected	Yes	Approval/Conformity	CE / cULus

Sensing distance Sn: 1...8 mm +/- 10%

Part Number:

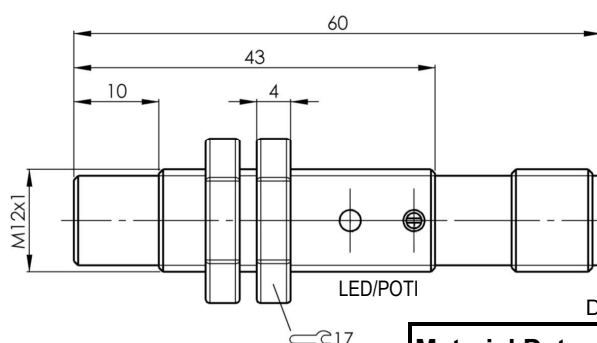
LCCQ-M12/60-8-NF-P-NO-MS

LCCQ-M12/60-8-NF-P-NC-MS

LCCQ-M12/60-8-NF-N-NO-MS

LCCQ-M12/60-8-NF-N-NC-MS

non-flush mount



Dimensions are in mm.

Material Data:

Housing: Stainless steel

Sensing face: PTFE

Connection: M12 connector, 4-pin

This sensor has the following technical specifications:

Wiring and Mounting Info

Supply voltage U_B	12 ... 35 V DC	Switching distance adjustable	Yes
Voltage drop U_d at I_e	≤ 1.5 V	Ambient temperature T_a	-30...+70°C
Rated insulation voltage U_i	75 V DC	Switching frequency	100 Hz
Output current max.	200 mA	Output function indicator	Yellow LED
No-load supply current I_o max.	≤ 10 mA	Degree of protection as per IEC 60529	IP 65
Polarity reversal protected	Yes	Hysteresis H max. (% of Sr)	15.0 %
Short-circuit protected	Yes	Approval/Conformity	CE / cULus

Design and technical details subject to change

Locon Sensor Systems, Inc.

Toll-Free: 800-356-2661 · Phone: 419-740-8445 · Fax: 216-359-0077 · E-mail: sales@locon.net · Website: www.locon.net

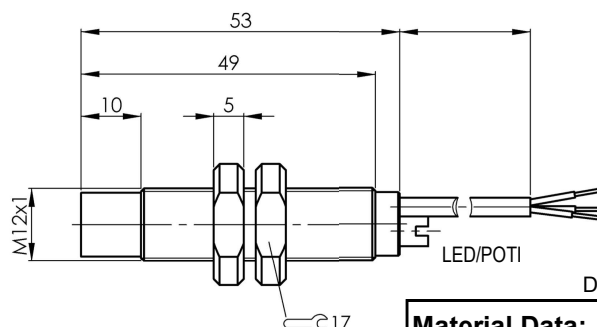
CAPACITIVE SENSORS - LEVEL SERIES

Housing Diameter: **M12 x 1**



Sensing distance Sn: 1...8 mm +/- 10%

Part Number:
LCC-M12/53-8-NF-P-NO-PTFE
LCC-M12/53-8-NF-P-NC-PTFE
LCC-M12/53-8-NF-N-NO-PTFE
LCC-M12/53-8-NF-N-NC-PTFE
non-flush mount



Dimensions are in mm.

Material Data:
Housing: PTFE
Sensing face: PTFE
Connection: 2m PTFE cable, 3x26AWG

This sensor has the following technical specifications:

Wiring and Mounting Info

Supply voltage U_B	12 ... 35 V DC	Switching distance adjustable	Yes
Voltage drop U_d at I_e	≤ 0.8 V	Ambient temperature T_a	-30...+70°C
Rated insulation voltage U_i	75 V DC	Switching frequency	100 Hz
Output current max.	200 mA	Supply voltage / Output function indicator	No/Red LED
No-load supply current I_o max.	≤ 10 mA	Degree of protection as per IEC 60529	IP 65
Polarity reversal protected	Yes	Hysteresis H max. (% of Sr)	15.0 %
Short-circuit protected	Yes	Approval/Conformity	CE / cULus

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CAPACITIVE SENSORS - LEVEL SERIES

Housing Diameter: **M18 x 1**



Sensing distance Sn: 2...15 mm +/- 10%

Part Number:

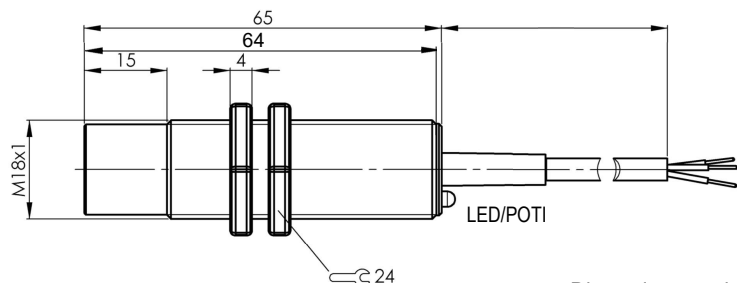
LCC-M18/65-15-NF-P-NO-MS

LCC-M18/65-15-NF-P-NC-MS

LCC-M18/65-15-NF-N-NO-MS

LCC-M18/65-15-NF-N-NC-MS

non-flush mount



Dimensions are in mm.

Material Data:

Housing: Stainless steel

Sensing face: PTFE

Connection: 2m PVC cable, 3x24 AWG

This sensor has the following technical specifications:

Wiring and Mounting Info

Supply voltage U_B	10 ... 35 V DC	Switching distance adjustable	Yes
Voltage drop U_d at I_o	≤ 1.5 V	Ambient temperature T_a	-30...+70°C
Rated insulation voltage U_i	75 V DC	Switching frequency	100 Hz
Output current max.	300 mA	Supply voltage / Output function indicator	No/Yellow LED
No-load supply current I_o max.	≤ 10 mA	Degree of protection as per IEC 60529	IP 67
Polarity reversal protected	Yes	Hysteresis H max. (% of Sr)	15.0 %
Short-circuit protected	Yes	Approval/Conformity	CE / cULus PTFE

Sensing distance Sn: 2...15 mm +/- 10%

Part Number:

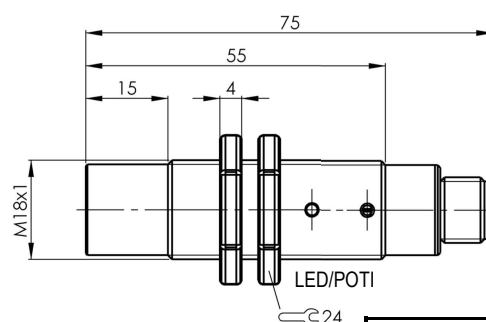
LCCQ-M18/75-15-NF-P-NO-MS

LCCQ-M18/75-15-NF-P-NC-MS

LCCQ-M18/75-15-NF-N-NO-MS

LCCQ-M18/75-15-NF-N-NC-MS

non-flush mount



Dimensions are in mm.

Material Data:

Housing: Stainless steel

Sensing face: PTFE

Connection: M12 connector, 4 pin

This sensor has the following technical specifications:

Wiring and Mounting Info

Supply voltage U_B	10 ... 35 V DC	Switching distance adjustable	Yes
Voltage drop U_d at I_o	≤ 1.5 V	Ambient temperature T_a	-30...+70°C
Rated insulation voltage U_i	75 V DC	Switching frequency	100 Hz
Output current max.	300 mA	Supply voltage / Output function indicator	No / Yellow LED
No-load supply current I_o max.	≤ 10 mA	Degree of protection as per IEC 60529	IP 67
Polarity reversal protected	Yes	Hysteresis H max. (% of Sr)	15.0 %
Short-circuit protected	Yes	Approval/Conformity	CE / cULus

Design and technical details subject to change

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CAPACITIVE SENSORS - LEVEL SERIES

Housing Diameter: **M18 x 1 & M30 x 1.5**



Sensing distance Sn: 2...15 mm +/- 10%

Part Number:

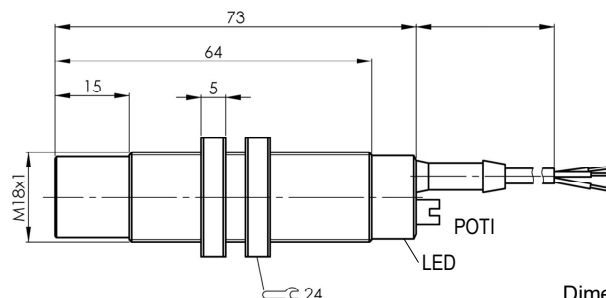
LCC-M18/73-15-NF-P-NO-PTFE

LCC-M18/73-15-NF-P-NC-PTFE

LCC-M18/73-15-NF-N-NO-PTFE

LCC-M18/73-15-NF-N-NC-PTFE

non-flush mount



Dimensions are in mm.

Material Data:

Housing: PTFE

Sensing face: PTFE

Connection: 2m PTFE cable, 3x24 AWG

This sensor has the following technical specifications:

Wiring and Mounting Info

Supply voltage U_B	10 ... 35 V DC	Switching distance adjustable	Yes
Voltage drop U_d at I_o	≤ 1.5 V	Ambient temperature T_a	-30...+70°C
Rated insulation voltage U_i	75 V DC	Switching frequency	100 Hz
Output current max.	300 mA	Supply voltage / Output function indicator	No / Red LED
No-load supply current I_o max.	≤ 10 mA	Degree of protection as per IEC 60529	IP 67
Polarity reversal protected	Yes	Hysteresis H max. (% of Sr)	15.0 %
Short-circuit protected	Yes	Approval/Conformity	CE / cULus

Sensing distance Sn: 2...30 mm +/- 10%

Part Number:

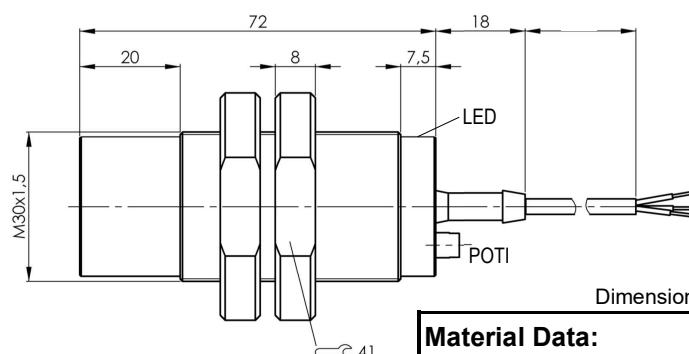
LCC-M30/72-30-NF-P-NO-PTFE

LCC-M30/72-30-NF-P-NC-PTFE

LCC-M30/72-30-NF-N-NO-PTFE

LCC-M30/72-30-NF-N-NC-PTFE

non-flush mount



Dimensions are in mm.

Material Data:

Housing: PTFE

Sensing face: PTFE

Connection: 2m PTFE cable, 3x26AWG

This sensor has the following technical specifications:

Wiring and Mounting Info

Supply voltage U_B	10 ... 35 V DC	Switching distance adjustable	Yes
Voltage drop U_d at I_o	≤ 1.8 V	Ambient temperature T_a	-30...+70°C
Rated insulation voltage U_i	75 V DC	Switching frequency	100 Hz
Output current max.	300 mA	Supply voltage / Output function indicator	No / Red LED
No-load supply current I_o max.	≤ 10 mA	Degree of protection as per IEC 60529	IP 67
Polarity reversal protected	Yes	Hysteresis H max. (% of Sr)	10.0 %
Short-circuit protected	Yes	Approval/Conformity	CE / cULus

Design and technical details subject to change

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