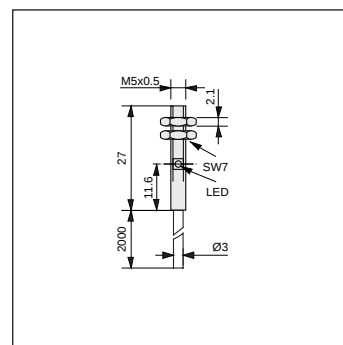
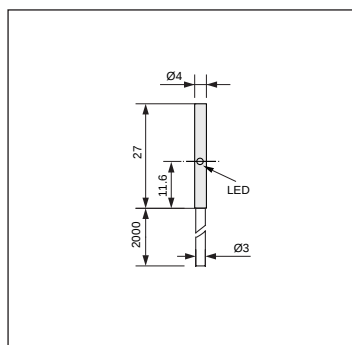
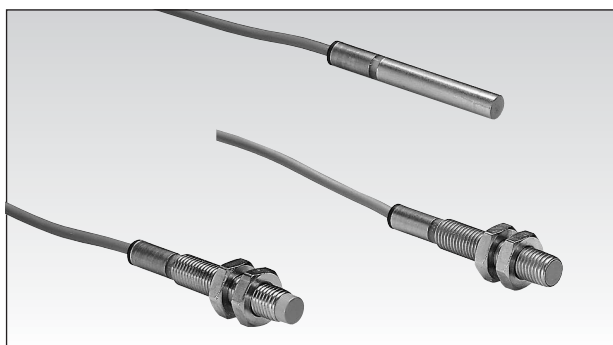


Inductive Proximity Detectors - Ø 4, M5, Ø 6.5, M8 - Cable



Form	Ø 4 screened	M5 screened
Nominal sensing distance Sn (mm)	0.8	0.8
Housing	Stainless steel	Stainless steel
Tightening torque (Nm)	—	2.5
Termination	2 m PVC cable *M8s/steel connector	2 m PVC cable *M8s/steel connector

Part numbers

3-wire DC types

PNP	NO	NC
NPN	NO	NC

Min/max. supply voltage	10 to 30 V $\overline{\text{DC}}$	10 to 30 V $\overline{\text{DC}}$
Max. load current (Ia)	150 mA	150 mA
Residual open-state current (Ir) / Own consumption (Io)	0.05 mA / 17.5 mA	0.05 mA / 17.5 mA
Voltage drop in closed state (Ud) / Max. ripple factor (Vr)	2.5 V / < 10 %	2.5 V / < 10 %
Switching frequency / Delay on pick-up (td)	1 kHz / 10 ms	1 kHz / 10 ms
LED indicator	yes	yes
Protection against permanent short-circuits and overloads	yes	yes
Protection against mis-connections of any type	yes	yes
Conductor cross-section / External cable diameter	3 x 0.14 mm ² / 3 mm	3 x 0.14 mm ² / 3 mm

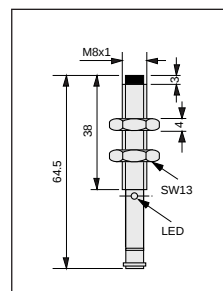
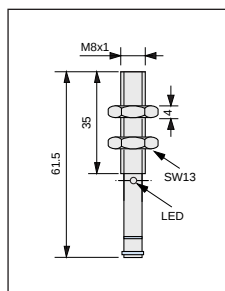
84 717 000
84 717 001
84 717 100
84 717 101

*84 717 022
*84 717 023
*84 717 122
*84 717 123

84 717 002
84 717 003
84 717 102
84 717 103

*84 717 024
*84 717 025
*84 717 124
*84 717 125

Inductive Proximity Detectors - M8 - Connectors



Form	M8 screened	M8 non-screened
Nominal sensing distance Sn (mm)	1	2
Housing	Stainless steel	Stainless steel
Tightening torque (Nm)	10	10
Termination	M8 s/steel connector	M8 s/steel connector

Part numbers

3-wire DC types

PNP	NO	NC
NPN	NO	NC

Min/max. supply voltage	10 to 40 V $\overline{\text{DC}}$	10 to 40 V $\overline{\text{DC}}$
Max. load current (Ia)	200 mA	200 mA
Residual open-state current (Ir) / Own consumption (Io)	0.05 mA / 7 mA	0.05 mA / 7 mA
Voltage drop in closed state (Ud) / Max. ripple factor (Vr)	3 V / < 10 %	3 V / < 10 %
Switching frequency / Delay on pick-up (td)	2 kHz / 50 ms	1.5 kHz / 50 ms
LED indicator	yes	yes
Protection against permanent short-circuits and overloads	yes	yes
Protection against mis-connections of any type	yes	yes

Accessories

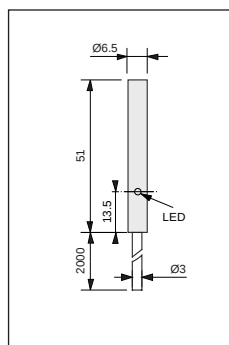
Mounting flanges, see page 3/102
Connectors, see pages 3/100 to 3/101

Other information

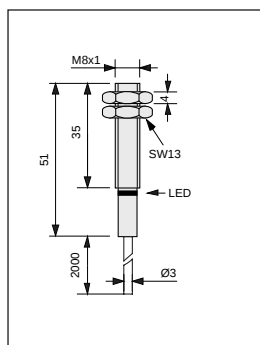
Special adaptations are available depending on the type of request and quantity required. Eg. cable length, tube length, connector type, etc.

Products and specifications subject to change without notice.

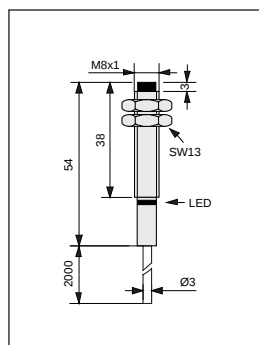
Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com



Ø 6.5 screened
1.5
Stainless steel
—
2 m PVC cable



M8 screened
1
Stainless steel
10
2 m PVC cable



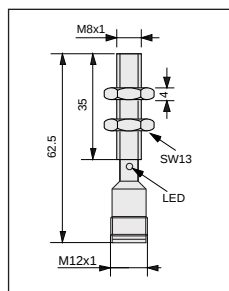
M8 non-screened
2
Stainless steel
10
2 m PVC cable

1

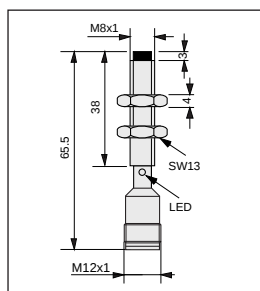
84 717 004
84 717 005
84 717 104
84 717 105
10 to 40 V $\equiv$
200 mA
0.05 mA / 7 mA
3 V / < 10 %
2 kHz / 50 ms
yes
yes
yes
3 x 0.14 mm² / 3 mm

84 717 006
84 717 007
84 717 106
84 717 107
10 to 40 V $\equiv$
200 mA
0.05 mA / 7 mA
3 V / < 10 %
2 kHz / 50 ms
yes
yes
yes
3 x 0.14 mm² / 3 mm

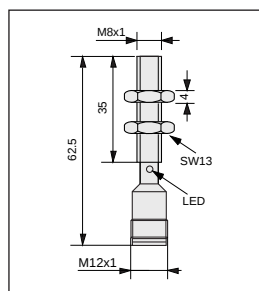
84 717 008
84 717 009
84 717 108
84 717 109
10 to 40 V $\equiv$
200 mA
0.05 mA / 7 mA
3 V / < 10 %
1.5 kHz / 50 ms
yes
yes
yes
3 x 0.14 mm² / 3 mm



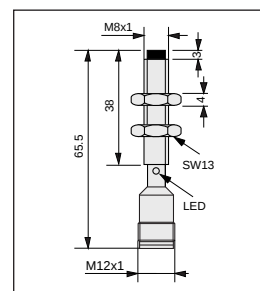
M8 screened
1
Stainless steel
10
M12 s/steel connector



M8 non-screened
2
Stainless steel
10
M12 stainless steel connector



M8 screened
1
Stainless steel
10
M12 plastic connector



M8 non-screened
2
Stainless steel
10
M12 plastic connector

1

84 717 014
84 717 015
84 717 114
84 717 115
10 to 40 V $\equiv$
200 mA
0.05 mA / 7 mA
3 V / < 10 %
2 kHz / 50 ms
yes
yes
yes

84 717 016
84 717 017
84 717 116
84 717 117
10 to 40 V $\equiv$
200 mA
0.05 mA / 7 mA
3 V / < 10 %
1.5 kHz / 50 ms
yes
yes
yes

84 717 018
84 717 019
84 717 118
84 717 119
10 to 40 V $\equiv$
200 mA
0.05 mA / 7 mA
3 V / < 10 %
2 kHz / 50 ms
yes
yes
yes

84 717 020
84 717 021
84 717 120
84 717 121
10 to 40 V $\equiv$
200 mA
0.05 mA / 7 mA
3 V / < 10 %
1.5 kHz / 50 ms
yes
yes
yes

To order, specify:

Standard products

Standard products,
non stocked

1 Part number
Example : Inductive proximity detector Ø4 84 717 000

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Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com