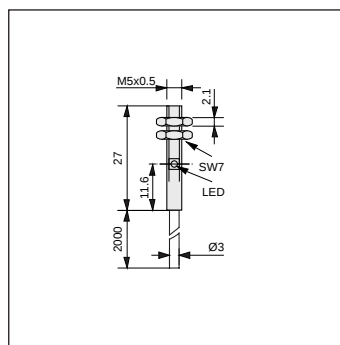
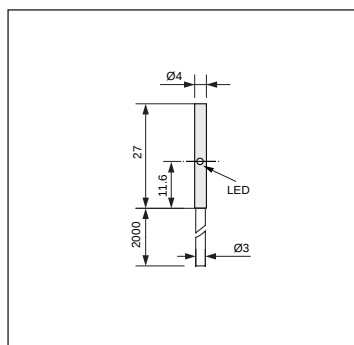
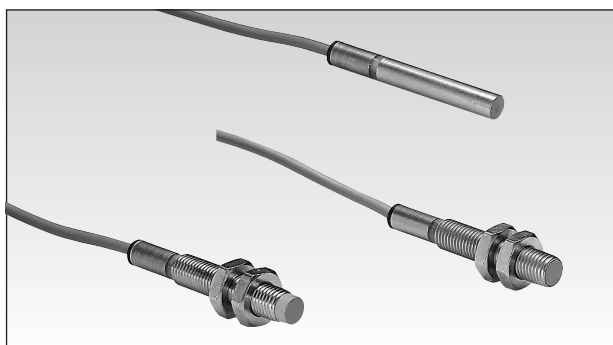


Inductive Proximity Detectors - Ø 4, M5, Ø 6.5, M8 - Cable



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

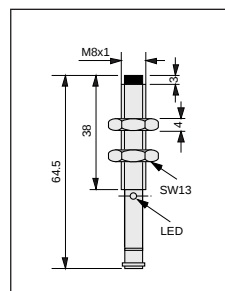
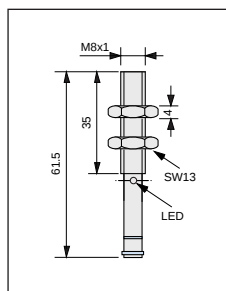
84 717 000
84 717 001
84 717 100
84 717 101

*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

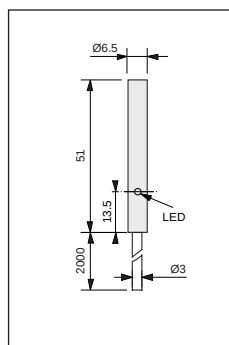
Mounting flanges, see page 3/102
Connectors, see pages 3/100 to 3/101

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



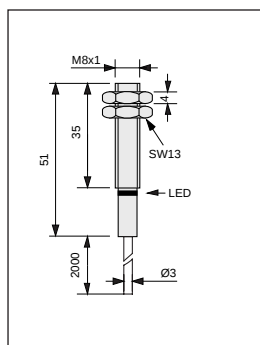
Ø 6.5 screened

1.5

Stainless steel

—

2 m PVC cable



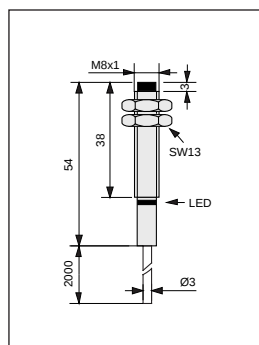
M8 screened

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 %

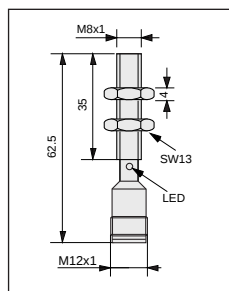
1.5 kHz / 50 ms

yes

yes

yes

3 x 0.14 mm² / 3 mm



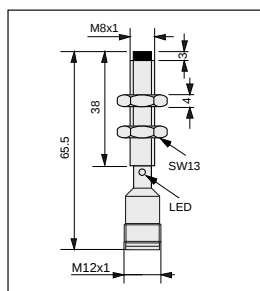
M8 screened

1

Stainless steel

10

M12 s/steel connector



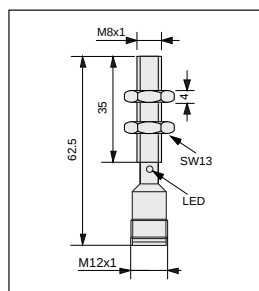
M8 non-screened

2

Stainless steel

10

M12 stainless steel connector



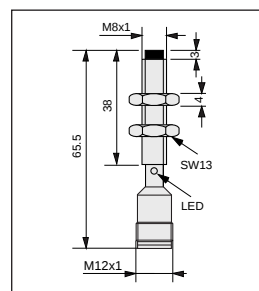
M8 screened

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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