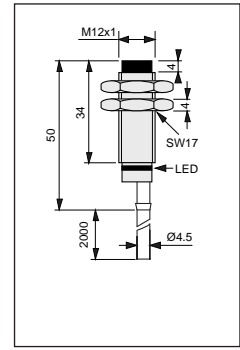
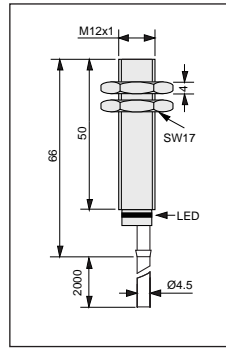
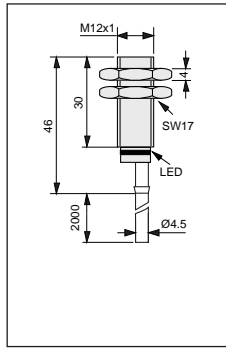
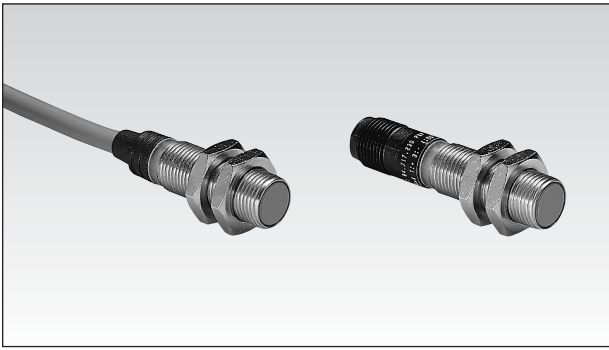


Inductive Proximity Detectors - M12 - Stainless Steel



Form	M12 screened	M12 long, screened	M12 non-screened
Nominal sensing distance Sn (mm)	2	2	4
Housing	Stainless steel	Stainless steel	Stainless steel
Tightening torque (Nm)	25	25	25
Termination	2 m PVC cable	2 m PVC cable	2 m PVC cable

Part numbers

3-wire DC types

PNP	NO	84 717 226	84 717 026	84 717 228
	NC	84 717 227	84 717 027	84 717 229
NPN	NO	84 717 326	84 717 126	84 717 328
	NC	84 717 327	84 717 127	84 717 329
Min/max. supply voltage		10 to 40 V $\overline{\text{DC}}$	10 to 40 V $\overline{\text{DC}}$	10 to 40 V $\overline{\text{DC}}$
Max. load current (Ia)		200 mA	200 mA	200 mA
Residual open-state current (Ir) / Own consumption (Io)		0.05 mA / 6.5 mA	0.05 mA / 6.5 mA	0.05 mA / 6.5 mA
Voltage drop in closed state (Ud) / Max. ripple factor (Vr)		2 V / < 10 %	2 V / < 10 %	2 V / < 10 %
Switching frequency / Delay on pick-up (td)		800 Hz / 10 ms	800 Hz / 10 ms	400 Hz / 10 ms
LED indicator		yes	yes	yes
Protection against permanent short-circuits and overloads		yes	yes	yes
Protection against mis-connections of any type		yes	yes	yes
Conductor cross-section / External cable diameter		3 x 0.3 mm ² / 5.2 mm	3 x 0.3 mm ² / 5.2 mm	3 x 0.3 mm ² / 5.2 mm

Part numbers

2-wire AC types

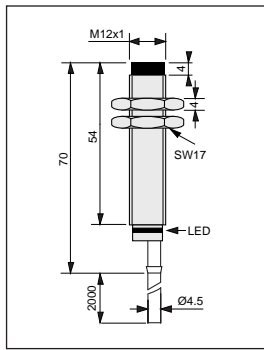
Polarity	NO	84 717 626
reversible	NC	84 717 627
Min/max. supply voltage		20 to 250 V \sim
Min/max. load current (Ia)		5 to 500 mA
Residual open-state current (Ir)		< 2 mA
Voltage drop in closed state (Ud)		< 8 V
Switching frequency / Delay on pick-up (td)		5 Hz / 100 ms
LED indicator		yes
Conductor cross-section		2 x 0.5 mm ² / 5.2 mm

Other information

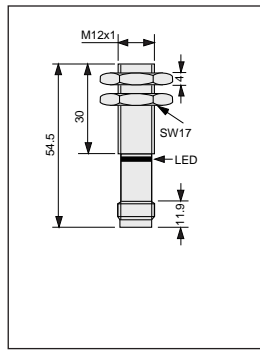
Special adaptations are available depending on the type of request and quantity required. Eg. cable length, tube length, connector type, etc.

Products and specifications subject to change without notice.

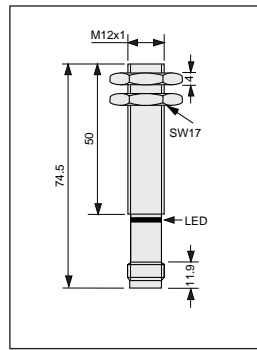
Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com



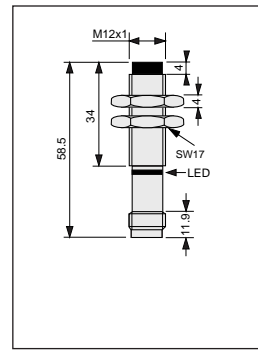
M12 long, non-screened
4
Stainless steel
25
2 m PVC cable



M12 screened
2
Stainless steel
25
M12 plastic connector



M12 long, screened
2
Stainless steel
25
M12 plastic connector



M12 non-screened
4
Stainless steel
25
M12 plastic connector

1

84 717 028
84 717 029
84 717 128
84 717 129
10 to 40 V ~
200 mA
0.05 mA / 6.5 mA
2 V / < 10 %
400 Hz / 10 ms
yes
yes
yes
3 x 0.3 mm² / 4.5 mm

84 717 230
84 717 231
84 717 330
84 717 331
10 to 40 V ~
200 mA
0.05 mA / 6.5 mA
2 V / < 10 %
800 Hz / 10 ms
yes
yes
yes
—

84 717 030
84 717 031
84 717 130
84 717 131
10 to 40 V ~
200 mA
0.05 mA / 6.5 mA
2 V / < 10 %
800 Hz / 10 ms
yes
yes
yes
—

84 717 232
84 717 233
84 717 332
84 717 333
10 to 40 V ~
200 mA
0.05 mA / 6.5 mA
2 V / < 10 %
400 Hz / 10 ms
yes
yes
yes
—

Continued on
page 3/82

1

84 717 628
84 717 629
20 to 250 V ~
5 to 500 mA
< 2 mA
< 8 V
5 Hz / 100 ms
yes
2 x 0.5 mm² / 5.2 mm

—
—
—
—
—
—
—
—
—
—

84 717 630
84 717 631
20 to 250 V ~
5 to 500 mA
< 2 mA
< 8 V
5 Hz / 100 ms
yes
—

—
—
—
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—

Continued on
page 3/82

3

To order, specify:

Standard products

Standard products,
non stocked

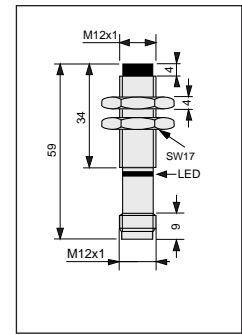
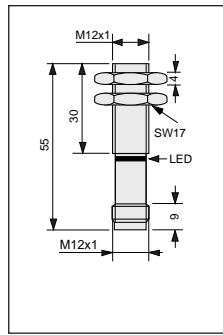
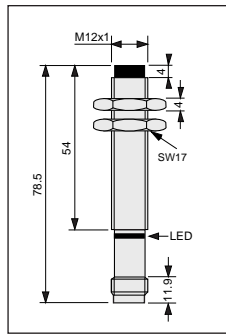
1 Part number

Example : Inductive proximity detector M12 84 717 226

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Inductive Proximity Detectors - M12 - Stainless Steel



Form
Nominal sensing distance Sn (mm)
Housing
Tightening torque (Nm)
Termination

M12 long, non-screened
4
Stainless steel
25
M12 plastic connector

M12 screened
2
Stainless steel
25
M12 s/steel connector

M12 non-screened
4
Stainless steel
25
M12 s/steel connector

Part numbers

3-wire DC types

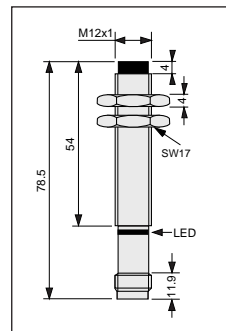
PNP	NO	
	NC	
NPN	NO	
	NC	
Min/max. supply voltage		
Max. load current (Ia)		
Residual open-state current (Ir) / Own consumption (Io)		
Voltage drop in closed state (Ud) / Max. ripple factor (Vr)		
Switching frequency / Delay on pick-up (td)		
LED indicator		
Protection against permanent short-circuits and overloads		
Protection against mis-connections of any type		

84 717 032
84 717 033
84 717 132
84 717 133
10 to 40 V =
200 mA
0.05 mA / 6.5 mA
2 V / < 10 %
400 Hz / 10 ms
yes
yes
yes

84 717 246
84 717 247
84 717 346
84 717 347
10 to 40 V =
200 mA
0.05 mA / 6.5 mA
2 V / < 10 %
800 Hz / 10 ms
yes
yes
yes

84 717 248
84 717 249
84 717 348
84 717 349
10 to 40 V =
200 mA
0.05 mA / 6.5 mA
2 V / < 10 %
400 Hz / 10 ms
yes
yes
yes

1



Form
Nominal sensing distance Sn (mm)
Housing
Tightening torque (Nm)
Termination

M12 non-screened
4
Stainless steel
25
M12 plastic connector

M12 screened
2
Stainless steel
25
M12s/steel connector

M12 non-screened
2
Stainless steel
25
M12s/steel connector

Part numbers

2-wire AC types

Polarity NO
reversible NC
Min/max. supply voltage
Min/max. load current (Ia)
Residual open-state current (Ir)
Voltage drop in closed state (Ud)
Switching frequency / Delay on pick-up (td)
LED indicator

84 717 632
84 717 633
20 to 250 V ~
5 to 500 mA
< 2 mA
< 8 V
5 Hz / 100 ms
yes

84 717 646
84 717 647
20 to 250 V ~
5 to 500 mA
< 2 mA
< 8 V
5 Hz / 100 ms
yes

84 717 648
84 717 649
20 to 250 V ~
5 to 500 mA
< 2 mA
< 8 V
5 Hz / 100 ms
yes

Accessories

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

1

Other information

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

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