

Capacitive Proximity Detectors - M18 - M30

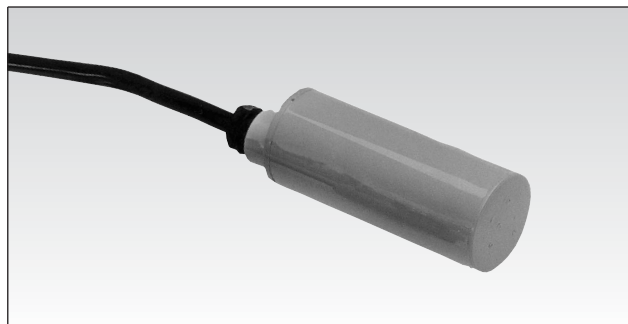
- Smooth body : ideally suited to agricultural applications

M18

- Sensing distance adjustable from 2 mm to 10 mm

M30

- Fixed sensing distance of 9 mm
- Application
Level detection : liquids, granulates, paper, ink, etc.



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

M18 non-screened	Ø30 non-screened
2 to 10 mm adjustable	9 (fixed)
Plastic	Plastic
2 m PVC cable	2 m PVC cable

Part numbers

3-wire DC types

PNP NO

NPN NO

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 (F) / Delay on pick-up (td)

LED indicator

Protection against permanent short-circuits and overloads

Protection against mis-connections of any type

Conductor cross-section / External cable diameter

84 718 506	
84 718 508	
10 to 40 V \pm	
200 mA	
< 0.05 mA / < 10 mA	
< 2.8 V \pm / < 10 %	
25 Hz / < 100 ms	
yes	
yes	
yes	
3 x 0.25 mm ² / 5.2 mm	

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 (F) / Delay on pick-up (td)

LED indicator

Conductor cross-section

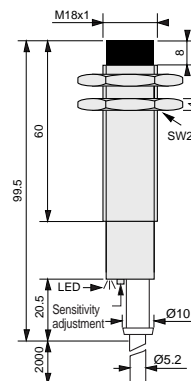
84 718 510	84 718 588
84 718 511	84 718 589
20 to 265 V \sim	90 to 240 V \sim
10 to 500 mA	20 to 150 mA
< 2.6 mA	< 10 mA
< 10 V	< 11 V
10 Hz / < 350 ms	5 Hz /
yes	no
2 x 0.5 mm ² / 5.2 mm	2 x 0.75 mm ² / 5.2 mm

Accessories

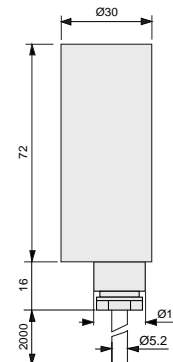
Mounting flanges, see page 3/102

Dimensions (mm)

84 718 506 / 508
84 718 510 / 511



84 718 588 / 589



Other information	To order, specify:		
Special adaptations are available depending on the type of request and quantity required. Eg. cable length.			
	<table border="0"> <tr> <td style="background-color: #cccccc;">Standard products</td> <td>1 Part number Example : Capacitive proximity detector M18 84 718 506</td> </tr> </table>	Standard products	1 Part number Example : Capacitive proximity detector M18 84 718 506
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Products and specifications subject to change without notice.

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