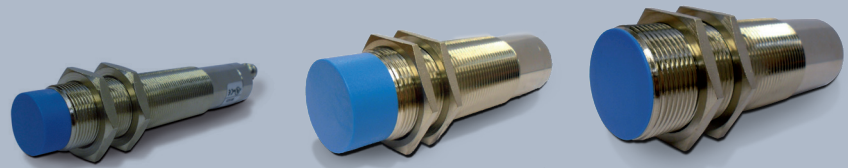
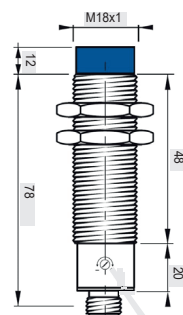
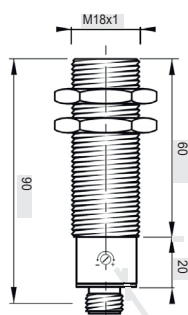


# CAPACITIVE

## BASIC, CAPACITIVE A.C., MULTIVOLTAGE



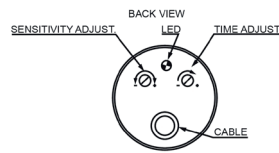
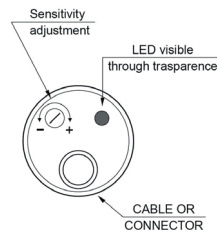
# CAPACITIVE A.C. M18



## STANDARD

				FLUSH	NON FLUSH
				M12 conn	M12 conn
<b>NOMINAL SWITCHING DISTANCE</b>				<b>2...8 mm</b>	<b>2...15 mm</b>
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	---	---
10-30 Vdc	PNP NC	3 wires	order No.	---	---
10-30 Vdc	NPN NO	3 wires	order No.	---	---
10-30 Vdc	NPN NC	3 wires	order No.	---	---
10-30 Vdc	PNP NO-NC	4 wires	order No.	---	---
10-30 Vdc	NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	NO-NC	2 wires	order No.	---	---
20-250 Vac/Vdc	NO	2 wires	order No.	CSP40K4 958901380	CSP41K4 958901390
20-250 Vac/Vdc	NC	2 wires	order No.	---	---
20-250 Vac	NO	2/3wires	order No.	---	---
10-30 Vdc	Analog 0-20 mA	3 wires	order No.	---	---
NAMUR amplifier	NAMUR	2 wires	order No.	---	---
<b>Nominal Voltage</b>				20-250 Vac (-15/10%)-5A source current	20-250 Vac (-15/10%)-5A source current
<b>Residual Ripple</b>				<10%	<10%
<b>Hysteresis</b>				< 15%	< 15%
<b>Max. Output Current</b>				300 mA	300 mA
<b>Min. Output Current</b>				2,5 mA	2,5 mA
<b>Residual Current</b>				< 2,5 mA	< 2,5 mA
<b>Setting</b>				sensitivity adjustment trimmer	sensitivity adjustment trimmer
<b>Operation Led</b>				Yellow	Yellow
<b>Switching Frequency</b>				25 Hz	25 Hz
<b>Start Up Delay</b>				---	---
<b>Repeatability</b>				< 5%	< 5%
<b>Short Circuit Protection</b>				Present(self-resetting)	Present(self-resetting)
<b>Electric Protection</b>				Against polarity reversal inductive loads	Against polarity reversal inductive loads
<b>Temperature Limit</b>				- 25 +70 C	- 25 +70 C
<b>Protection Degree</b>				IP67	IP67
<b>Cable Length</b>				---	---
<b>Cable Section</b>				---	---
<b>Housing Material</b>				Plastic (PBT)	Plastic (PBT)
<b>Weight - Cable Output</b>				---	---
<b>Weight - Connector Output</b>				80 g	80 g

# CAPACITIVE SETTINGS & CONNECTIONS



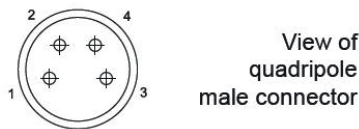
## Sensitivity adjustment

The sensitivity adjustment must be done when the sensor is installed in a definite and steady position. The regulation must be done in a position half way between minimum and maximum, because, being air dielectric, a strong humidity variation could cause, if the regulation is very light, nuisance tripping. The sensing distance of the sensor depends on the materials to detect, on its dimension and conductivity. The distance could change according to temperature variations.

## Timer adjustment

The timer trimmer allows to set a delay, on the activation (delay ON) or in the de-activation of the output, depends on the model, after the detection of the object. The output will remain active (or inactive) proportionally to the setting point of the screw, starting from 1 second up to 5 minutes.

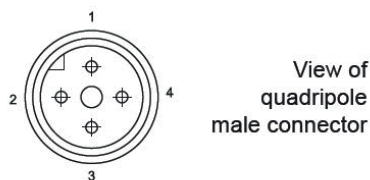
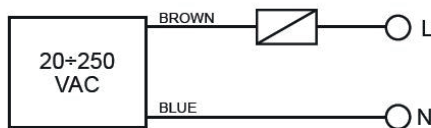
## M8 4-pole NO-NC models



CONTACTS CONFIGURATION

Output	Contacts numbers			
	1	2	3	4
NPN/PNP NO+NC	+	NC	-	NO

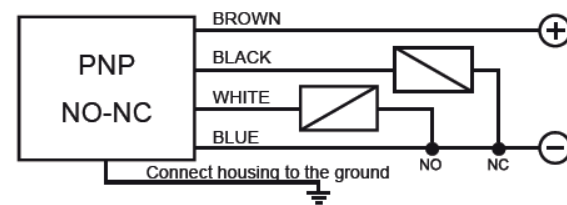
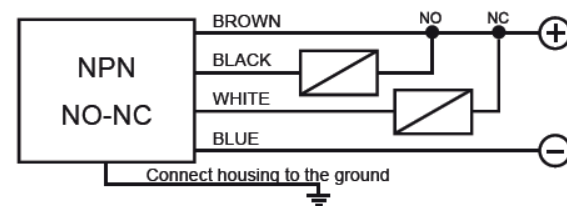
## 2 wires Vac models



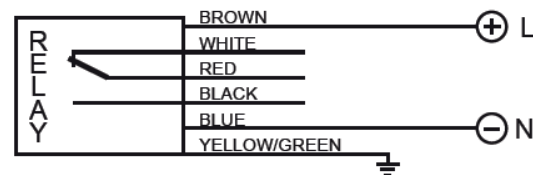
CONTACTS CONFIGURATION

Available	Contacts numbers			
	1	2	3	4
NO	L		N	

## 4 wires NO-NC Vdc model



## 6 wires Multivoltage models





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