

# PROXIMITY SWITCHES

## Capacitive Type VC1 2RT

### PRODUCT DESCRIPTION

Capacitive sensor in thermoplastic polyester for mounting in PG 36 screw gland. Available with adjustable sensing distance and with built-in time delay. Excellent for use in agriculture (detection of grains fluid etc.)



### TYPE SELECTION

Supply Voltage:

230 VAC VC12RT23010M

24 VAC/DC VC12RT2410M



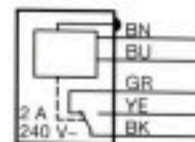
### SPECIFICATIONS

<b>Rated operational voltage</b>	230	230 VAC, 47-63 Hz
	24	24 VAC/DC, 47-63 Hz (VAC)
<b>Consumption</b>		Max. 1.5 W
<b>Sensing distance</b>		4-12 mm, adjustable
<b>Hysteresis</b>		1,5 mm at 7mm sensing dist.
<b>Operational frequency</b>		1 Hz
<b>Output</b>		Relay SPDT, 2 A/240 VAC
<b>Indication for output ON</b>		LED, yellow
<b>Time delay</b>		1 s - 10 m
<b>Environment</b>		
Degree of protection		IP67
Operating temperature		-20° to +70°C (-4° to +155°F)
Storage temperature		-40° to +85°C (-40° to +185°F)
<b>Housing Material</b>		Thermoplastic polyester
<b>Cable</b>		PVC, 2 m
<b>Approvals</b>		CSA (only with OFF delay)
<b>CE-marking</b>		Yes

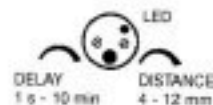
### DIMENSIONS



### WIRING DIAGRAM



### ADJUSTMENT



### MODE OF OPERATION

Power supply is applied to the sensor (brown and blue cables) and time measurement starts. When the set time has expired (0-10 min) the relay operates (connection between black and yellow cables) and the sensor is activated. After activation of the sensor the relay releases (connection between black and grey cable). As soon as the sensor is un-activated again the time measurement of the set time starts.

### OPERATION DIAGRAM



\*PG 36 Glands also available



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