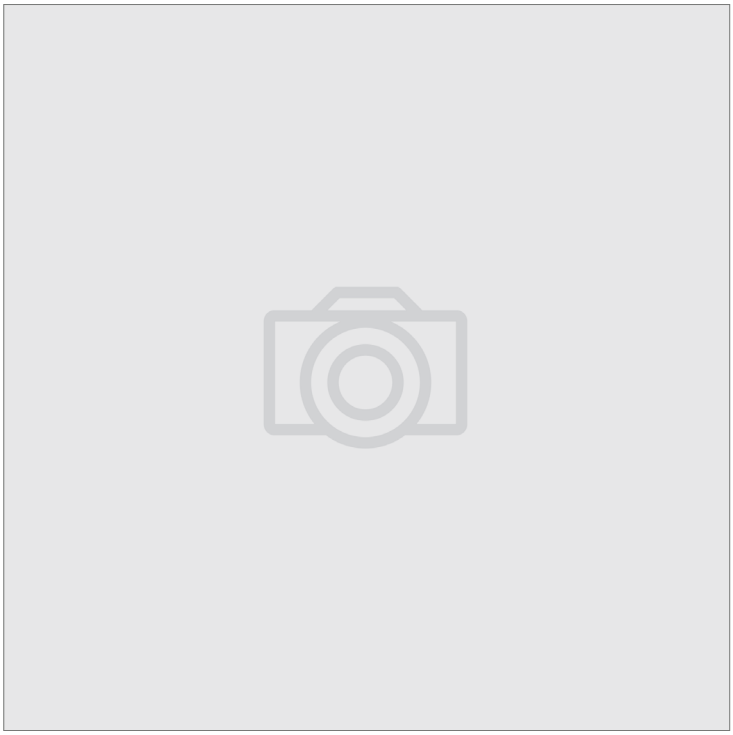
NS142BRNN115

Carlo Gavazzi Photoelectric Sensor Amplifier Unit In Module 115V

NON-CONTACT SENSORS



Component type	Through beam photoelectric sensor
Range	Photoelectric Sensor
Model	N/A
Alternative	CALL FOR ALTERNATIVE

The Carlo Gavazzi Photoelectric Sensors are ideal for long distance sensing or if the item is non-metal. Designed for harsh environments and for applications such as material handling, packaging machinery and automatic door systems. Fitting the requirements of virtually any application including diffuse-reflective, background suppression, retro-reflective, for transparent objects and through-beam.

ELECTRICAL	**Setting procedure**	Manual adjustment
	Voltage type	AC
	Rated control supply voltage Us at AC 50HZ	98-132 V
	Rated control supply voltage Us at AC 60HZ	98-132 V
	Rated control supply voltage Us at DC	0-0 V
	Type of switching output	Relay contact
	Max. output current	100 mA
	Type of electric connection	Screw connection
	Rated switching distance	50000 mm
	Number of semiconductor outputs with signalling function	2
	Number of contact energized outputs with signalling function	0
	Number of protected semiconductor outputs	2
	Number of protected contact energized outputs	2
	Type of switch function	Change-over contact (NO/NC)
	Switching frequency	5 Hz
COMMUNICATION	**Type of interface for safety communication**	Other
CONSTRUCTION	**Material of optical surface**	Plastic
	Material housing	Plastic
	Construction type housing	Cuboid
	IP rating	IP20
	Max. opening angle	0 °
	Material of cable sheath	Other
	Suitable for safety functions	Yes
	Degree of protection (NEMA)	1

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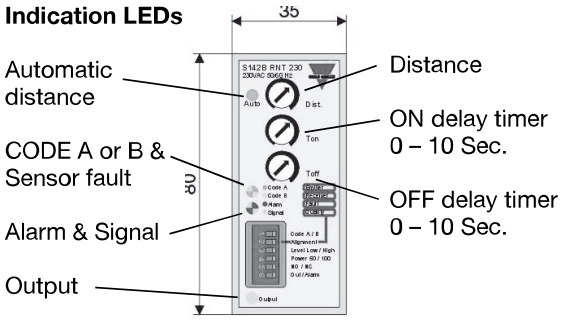
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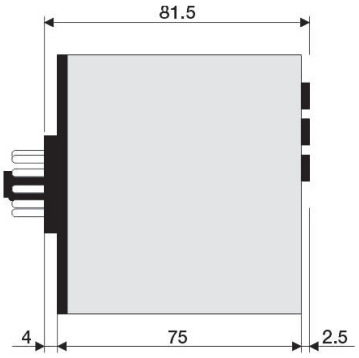
Carlo Gavazzi Photoelectric Sensor Amplifier Unit In Module 115V

NON-CONTACT SENSORS

MECHANICAL	With time function	Yes
	AWG-number	0
PHOTOMETRIC	Type of light	Other
	Wavelength of the sensor	880 nm
	Sensing mode	Light-/dark switching
	Scope of delivery of the one-way system	Transmitter and receiver
	Laser protection class	None
DIMENSIONS	Diameter sensor	0 mm
	Width sensor	35 mm
	Height of sensor	80 mm
	Length of sensor	81.5 mm
ENVIRONMENT	Ambient temperature	-20…50 °C

DIMENSIONAL DIAGRAM





DIP Switches

1 Code:	A		B
2 Alignment:	ON		OFF
3 Level:	Low		High
4 Power:	50%		100%
5 NO / NC:	NC		NO
6 Out / Alarm:	Output		Alarm

ON OFF

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