

SERIES CST, CSV, CSH GENERAL DATA

Operation	Reed contact Magnetoresistive Hall effect
Type of output	Static or electronic PNP
Type of contact in Reed switches	Normally Open (NO) Normally Closed (NC)
Voltage	see the characteristics of each model
Max current	see the characteristics of each model
Max load	8 W DC and 10 VA AC (Reed)
Protection class	IP67
Materials	plastic body encapsulating epoxy resin; cable in PVC, connector in PVR, connector body in PU
Mounting	directly into the groove or by means of adapters
Signalling	by means of a yellow diode Led
Protections	see the characteristics of each model
Switching time	<1,8 ms (Reed); <1 ms (Magnetoresistive - Hall effect)
Operating temperature	-10°C + 80°C
Electrical duration	10.000.000 cycles (Reed); 1.000.000.000 cycles (Magnetoresistive - Hall effect)
Electrical connections	with a 2-wire cable, section 2x0.14, 2m (standard), high flexibility; with a 3-wire cable, section 3x0.14, 2m (standard), high flexibility; with a M8 connector and cable of 0.3 m

SERIES CST, CSV, CSH CODING EXAMPLE

CS	T	-	2	2	0	N	-	5
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CS	SERIES
T	TYPE OF SLOT: T = T-slot V = V-slot H = H-slot
2	OPERATION: 2 = Reed NO 3 = Magnetoresistive 4 = Reed NC 5 = Hall effect
2	CONNECTIONS: 2 = 2 wires (Reed only) 3 = 3 wires 5 = 2 wires with M8 connector (Reed only) 6 = 3 wires with M8 connector
0	POWER SUPPLY VOLTAGE: 0 = 10 ÷ 110 V DC; 10 ÷ 230 V AC (PNP) 1 = 30 ÷ 110 V DC; 30 ÷ 230 V AC (PNP) 2 = 3 wires cst (PNP) 3 = 10 ÷ 30 V AC/DC (PNP) 4 = 10 ÷ 27 V DC (PNP)
N	NOTE (CST/CSV-250N only): N = according to norm
5	LENGTH OF THE CABLE: = 2m (CST and CSV only) 2 = 2m (CSH only) 5 = 5m

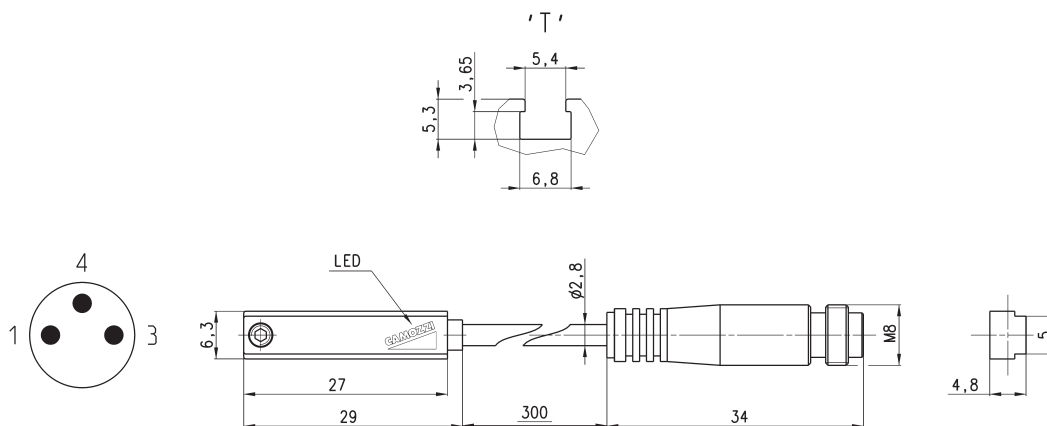
Magnetic proximity switches with M8 3-pin connector for T-slot

Note for 2-wire switch Mod. CST-250N:

in case of polarity reversing the sensor will still be operating, but the LED diode won't turn on.



Cable length: 0.3 m



Mod.	Operation	Connection	Voltage	Output	Max. current	Max load	Protection
CST-250N	Reed	2 wires M8 male 3 pin	10 ÷ 110 V AC/DC	-	250 mA	10 VA / 8 W	None
CST-262	Reed	3 wires M8 male 3 pin	5 ÷ 30 V AC/DC	PNP	250 mA	10 VA / 8 W	Against polarity reversing
CST-362	Magnetoresistive	3 wires M8 male 3 pin	10 ÷ 27 V DC	PNP	100 mA	6 W	Against polarity reversing and overvoltage
CST-562	Hall effect	3 wires M8 male 3 pin	10 ÷ 27 V DC	PNP	100 mA	6 W	Against polarity reversing and overvoltage

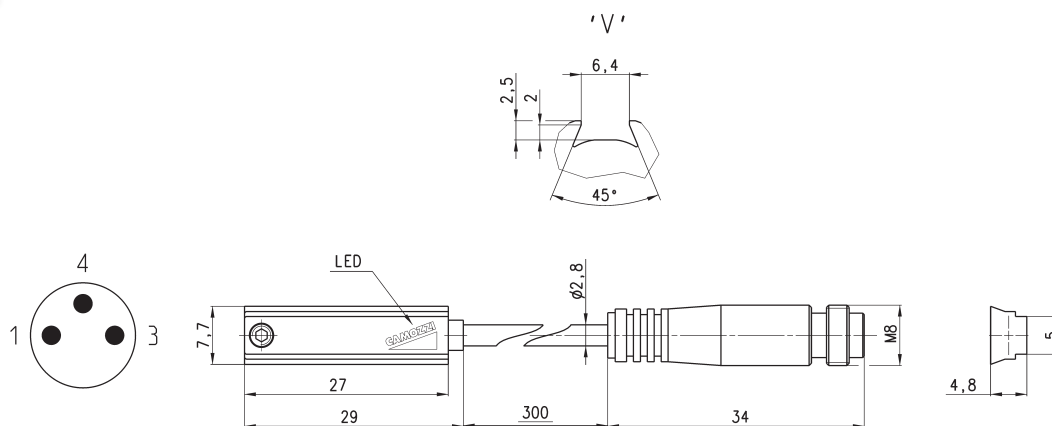
Magnetic proximity switches with M8 3-pin connector for V-slot

Note for 2-wire switch Mod. CSV-250N:

in case of polarity reversing the sensor will still be operating, but the LED diode won't turn on.



Cable length: 0.3 m



Mod.	Operation	Connection	Voltage	Output	Max. current	Max load	Protection
CSV-250N	Reed	2 wires M8 male 3 pin	10 ÷ 110 V AC/DC	-	250 mA	10 VA / 8 W	None
CSV-262	Reed	3 wires M8 male 3 pin	5 ÷ 30 V AC/DC	PNP	250 mA	10 VA / 8 W	Against polarity reversing
CSV-362	Magnetoresistive	3 wires M8 male 3 pin	10 ÷ 27 V DC	PNP	100 mA	6 W	Against polarity reversing and overvoltage