Magnetic Field Sensors

Contact Rollco for CAD-files.

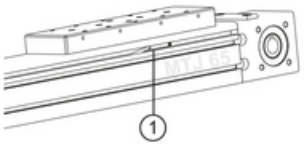
Dimensions in mm.





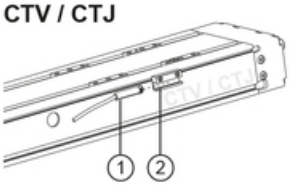
Ambient Temperature (°C): -10 ~ +70
Sensor Type: GMR sensor
Switching function: NC/NO
Max. Switching Current (mA): 200x.
Switching Frequency (Hz): 1000
Voltage drop: 1.5 V / 200 mA max.
Protection Class: IP67
Electrical connection: M8, 3-pin
Extension cable: Energy chain compliant
Cable material length: PU - 0.3 m
Output: PNP
Operating Voltage (V DC): 10 ~ 28
Max. Power Rating (W): 5.5 max.
Current consumption: 10 mA / 24 V max.
Shock/vibration: 50 G / 9 G
LED indicator: Yellow

MTJ / MRJ / MTV



1. Magnetic field sensor
2. Sensor holder

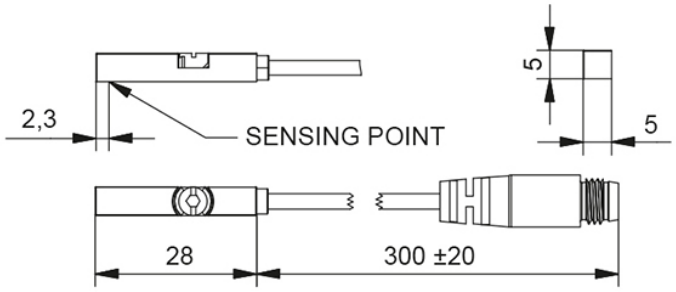
CTV / CTJ



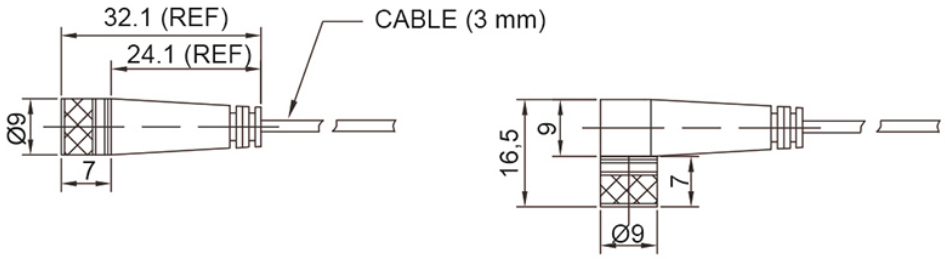
Mounting of magnetic field sensor on CTV and CTJ series requires a HOM sensor holder. For CTV/CTJ 200 a HOM sensor holder is not needed

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

General Data



Extension cable with connector



Type	Compatibility	
HOM Sensor holder	CTV 90, 110, 145 CTJ: 90, 110, 145	
SMT-65TP-K NC	MTJ / MRJ / MTV / MTJZ: 40, 65, 80, 110 CTV / CTJ: 200	
SMT-65TP-K NC+HOM	CTV 90, 110, 145 CTJ: 90, 110, 145	
SMT-65TP-K NO	MTJ / MRJ / MTV / MTJZ: 40, 65, 80, 110 CTV / CTJ: 200	
SMT-65TP-K NO+HOM	CTV 90, 110, 145 CTJ: 90, 110, 145	
Extension Cable length 2m - Straight connector		
Extension Cable length 5m - Straight connector		
Extension Cable length 2m - Angeled connector		
Extension Cable length 5m - Angeled connector		

Designation	Compatible with
HOM Sensor holder - 43851	CTV 90, 110, 145CTJ: 90, 110, 145
SMT-65TP-K NC - 74073	MTJ / MRJ / MTV / MTJZ:40, 65, 80, 110 CTV / CTJ: 200
SMT-65TP-K NC - 77075	CTV 90, 110, 145CTJ: 90, 110, 145
SMT-65TP-K NO - 74074	MTJ / MRJ / MTV / MTJZ:40, 65, 80, 110 CTV / CTJ: 200
SMT-65TP-K NO - 77076	CTV 90, 110, 145CTJ: 90, 110, 145
Extension Cable length 2m - Straight connector - 8146	-

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General Data

Designation	Compatible with
Extension Cable length 5m - Straight connector - 8147	-
Extension Cable length 2m - Angled connector - 9017	-
Extension Cable length 5m - Angled connector - 9019	-

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