

canfield connector
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SERIES 9T

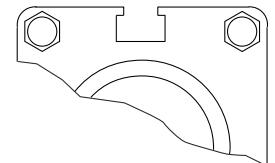
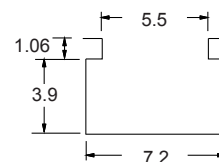
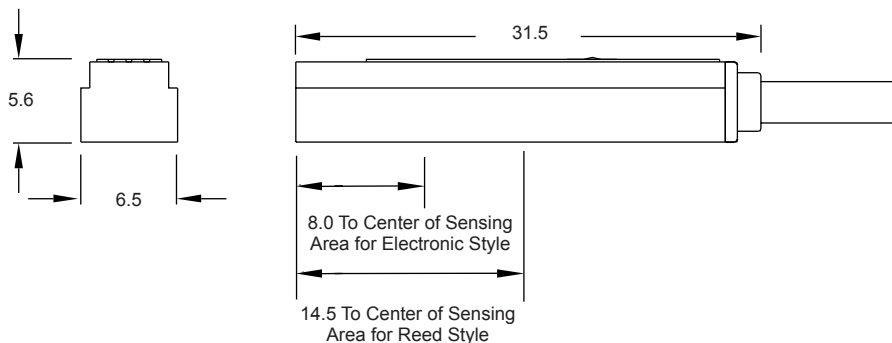
REED & ELECTRONIC MAGNETIC SENSORS FOR 7.2MM "T" SLOT APPLICATIONS

General Description

The Canfield Connector Series 9T is a compact yet robust switch used to sense position of magnetic pistons designed into aluminum extrusion type linear actuators. The 9T fits a 7.2mm X 3.9mm rectangular groove which is designed into the actuator body. Available in reed or electronic versions, the 9T features standard 9 ft. PVC or 8mm quick connect male pigtail, and are rated IP-67 against the ingress of dust and water.

Dimensional Data

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED



GROOVE
DIMENSIONS

Technical Data

- Temperature Range: Operational from -10° to $+70^{\circ}\text{C}$
- Shock: Operational up to 30G reed and up to 50G for electronic
- Vibration: Operational up to 9G reed and electronic
- All versions designed to meet NEMA 6 / IP67 specifications
- Sensitivity and Orientation: 40 gauss parallel (electronic)
40 gauss parallel (reed)

Features

- Small sensor fits most space requirements.
- Indicator light
- Corrosion and washdown resistant.
- Electronic sensing version (no moving parts)
- Reverse polarity protection
- CE approved
- AC/DC for reed. DC only for electronic
- Compatible with IS (Intrinsically Safe) barriers
- Molded construction for wet environment (NEMA 6)

Ordering Information

9T10-000-

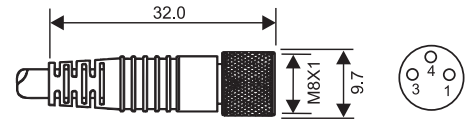
Connection Options

- 0 - 9 ft PVC cable
- 3 - 8mm quick connect male pigtail*

*Mates with cordsets shown at right.

Mating Cordsets

8mm female molded locking connectors



Order part number

Brown = Pin 1
Blue = Pin 3
Black = Pin 4

RC08S-F0M030120 (2m length)
RC08S-F0M030150 (5m length)

Type	Description	Function	Switching Voltage	Switching Current	Switching Power	Voltage Drop	Magnetic Sensitivity
02	Reed Switch with Red LED	Normally Open SPST	5 - 120V AC/DC	0.1 Amps Max.	4 watts Max.	2.5 Volts @ 100mA	40 Ga.
31	Electronic for Reed Magnet, with Grn LED & Sourcing	Normally Open PNP	5 - 28 VDC	0.2 Amps Max.	4.8 watts Max.	.5 Volts @ 200 mA	40 Ga.
32	Electronic for Reed Magnet, with Red LED & Sinking	Normally Open NPN	5 - 28 VDC	0.2 Amps Max.	4.8 watts Max.	.5 Volts @ 200 mA	40 Ga.

Ordering Example:

9T10-000-002

9 ft. PVC cable, reed switch with red LED, SPST, 5 - 120V AC/DC 50/60 Hz

For convenience and faster shipping, this series is available in Can-Paks.

