



## HOW TO ORDER

### CS- 25T \_\_\_\_\_ - \_\_\_\_\_

Switch Type	Connection Type
R=Reed Switch	None=1-meter (39-in) Cable
N=NPN Output	03=3-meter (118-in) Cable
P=PNP Output	QD <sup>1</sup> =M8 Male Connector
	EQD <sup>1</sup> =M8 Male Connector

### EXAMPLES:

CS-25TR-QD<sup>1</sup>: Reed switch with M8 male connector.

CS-25TN : Solid-state, NPN output sensor with 1-meter cable.

<sup>1</sup>Mates with M83R cord set shown elsewhere in this catalog, please order separately.

TRACK PROFILE	DIMENSION	QD PINOUT
<p>Unit : mm</p>	<b>CS-25TR</b> 	<b>2-wire QD pinout</b> 
	<b>CS-25TP/CS-25TN</b> <p>Unit : mm</p>	<b>2-wire EQD pinout</b>   <b>3-wire QD pinout</b> 

## SPECIFICATION

Part Number	CS-25TR	CS-25TP	CS-25TN
Schematic			
Sensor Type	Reed Switch	Solid State Output	
Switching Logic	SPST Normally Open	Normally Open	
Output	----	PNP Current Sourcing	NPN Current Sinking
Operating Voltage	5~120V DC/AC 50/60 Hz	5~30 VDC	
Switching Current	50mA max. (Resistive)	50 mA max.	
Power Rating*	6 Watts	1.5 Watts	
Voltage Drop	2.5 V max.	1.5 V @ 25 mA max.	0.5 V @ 25 mA max.
Current Consumption	----	14 mA @ 24 VDC max.	12 mA @ 24 VDC max.
Leakage Current	----	0.01 mA max.	
LED Indicator	Red	Green	Red
Cable	Robotic grade, abrasion resistant polyurethane (PUR) jacket, PVC insulation		
Operating Frequency	200 Hz	1000 Hz	
Magnet Requirement**	60 Gauss parallel	40 Gauss parallel	
Temperature Range	14 to 158°F (-10 to +70°C)		
Shock / Vibration	30G/9G	50G/9G	
Enclosure Classification	IEC 529 IP67 (NEMA 6)		
Protection Circuit	None	Reverse Polarity, Surge Suppression	
Set Screw Max. Torque	1.77 in-lbs ( 0.2 N-m )		

\*WARNING : Never exceed rating (Watt=Voltage x Amperage). Permanent damage to sensor will occur.

\*\*MEASURING STANDARD TARGET φ 15.5 x φ 8 x 5t (Anisotropy rubber magnet).