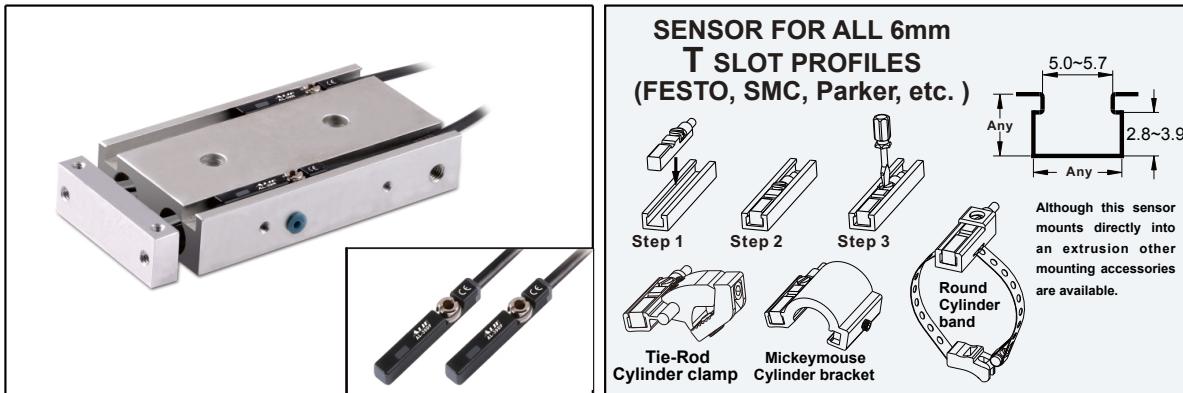


CC-39 SERIES



SPECIFICATION

TYPE CHARACTERISTIC	CC - 39R	CC - 39RD	CC - 39DF	CC - 39N(P)	CC - 39S
SWITCHING LOGIC	SPST Normally Open	SPST Normally Open	Normally Open	Solid State Output, Normally Open	
SENSOR TYPE	Reed Switch	Reed Switch	2 Wire Solid State	NPN Current Sinking (PNP Current Sourcing)	NPN/PNP Automatic Detection
OPERATING VOLTAGE	5 ~ 240V DC/AC	5 ~ 30V DC	10 ~ 28V DC	5 ~ 30V DC	
SWITCHING CURRENT	0 ~ 100 mA	0 ~ 500 mA	1 ~ 50 mA	0 ~ 200 mA	0 ~ 100 mA
SWITCHING RATING	10 W Max.	10 W Max.	1.4 W Max.	6 W Max.	3 W Max.
CURRENT CONSUMPTION	—	10 mA Max. @ 24V	40 µA Max. @ 24V	7.5 mA Max. @ 24V	
VOLTAGE DROP	2.5V Max. @ 100mA DC	0.1V Max. @ 500mA DC	2.65V Max. @ 50mA DC	0.5 V Max. @ 200 mA DC	1 V Max. @ 200 mA DC
LEAKAGE CURRENT	—	—	90 µA Max. @ 28V	0.01 mA Max.	
INDICATOR	Red LED	Dual Yellow LED	Red LED	Red LED(Green LED)	Red LED
CABLE	Grey Oil-Resistant PUR	Black Oil-Resistant PUR	Black Oil-Resistant PUR	Black Oil-Resistant PUR	
SENSITIVITY	35 ~ 45 Gauss	35 ~ 45 Gauss	40 ~ 800 Gauss	40 ~ 800 Gauss	
SWITCHING FREQUENCY	200 Hz	200 Hz	1000 Hz	5000 Hz	
TEMPERATURE RANGE	-10 ~ 70 °C	-10 ~ 70 °C	-10 ~ 70 °C	-10 ~ 70 °C	
SHOCK	30 G	30 G	50 G	50 G	
VIBRATION	9 G	9 G	9 G	9 G	
ENCLOSURE CLASSIFICATION	IP 67 (EN60529)	IP 67 (EN60529)	IP 67 (EN60529)	IP 67 (EN60529)	
PROTECTION CIRCUIT	—	Surge Suppression	Power Reverse Polarity; Surge Suppression		
CE Certificate NO.	E8N 11 04 53334 005	No. E8N 1104 53334 004	No. E8N 1104 53334 006	—	
3C Certificate NO.	No. : 2004010305127433	—	—	—	
CNEx Certificate NO.	CNEx16.2333X(ExnCl/CT6GC)	CNEx16. 1850 (ExiallBT6Ga)	CNEx16. 1851 (ExiallBT6Ga)	—	
Connection Diagram					
CC-39R CC-39R-QD8 CC-39R-QD12 CC-39R-EZ2M	CC-39RD CC-39RD-QD8 CC-39RD-QD12 CC-39RD-EZ3M	CC-39DF CC-39DF-QD8 CC-39DF-QD12 CC-39DF-EZ2M	CC-39N(P) CC-39N(P)-QD8 CC-39N(P)-QD12 CC-39N(P)-EZ3M	M8, M12, EZ QUICK CONNECTOR(IEC61076-2-101) 2 wire QD wiring M83M Brown(+)-1 Blue(-)-2 M124M Blue(-)-3 Brown(+)-1 EZ2M Blue(-)-2 Brown(+)-1	M8, M12, EZ QUICK CONNECTOR(IEC61076-2-101) 3 wire QD wiring M83M Brown(+)-1 Blue(-)-3 Blue(-) M124M Blue(-)-3 Brown(+)-1 EZ3M Blue(-)-3 Brown(+)-2

NOTE: The max operating voltage of CC-39R-QD8 is 60V AC/DC (Based on IEC61076-2-101).

