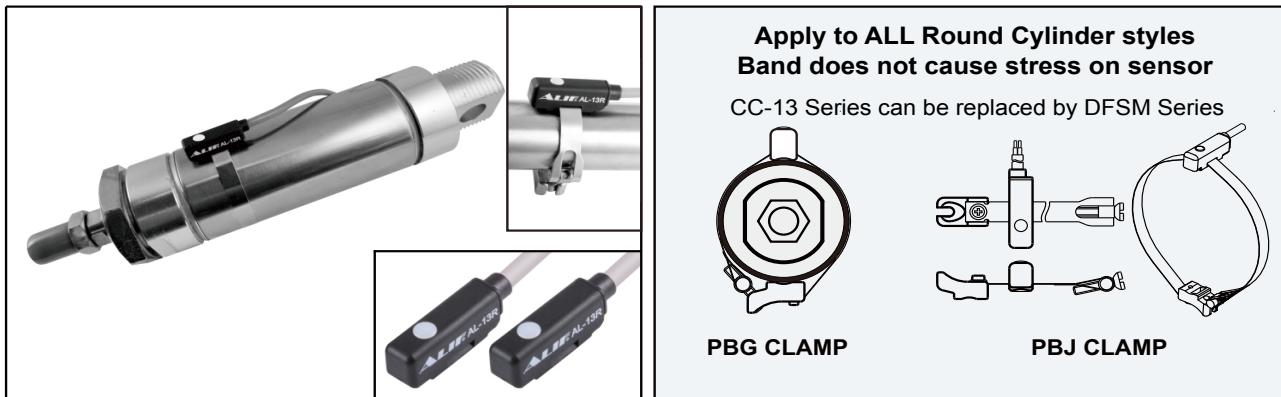


CC-13 SERIES



SPECIFICATION

Type Characteristic	CC - 13R	CC - 13RV	CC - 13DF	CC - 13N(P)	CC - 13S
SWITCHING LOGIC	SPST Normally Open		Normally Open	Solid State Output, Normally Open	
SENSOR TYPE	Reed Switch		2 Wire Solid State	NPN Current Sinking (PNP Current Sourcing)	NPN/PNP Automatic Detection
OPERATING VOLTAGE	5 ~ 240V DC/AC		10 ~ 28V DC	5 ~ 30V DC	
SWITCHING CURRENT	0 ~ 100 mA	0 ~ 500 mA	1 ~ 50 mA	0 ~ 200 mA	
SWITCHING RATING	10 W Max.		1.4 W Max.	6 W Max.	
CURRENT CONSUMPTION	—		40 μA Max. @ 24V	7.5 mA Max. @ 24V	
VOLTAGE DROP	2.5V Max. @ 100mA DC	0.9V 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	Yellow LED	Red LED	Red LED(Green LED)	Red LED
CABLE	Grey Oil-Resistant PVC		Black Oil-Resistant PVC	Black Oil-Resistant PVC	
SENSITIVITY	55 ~ 65 Gauss		40 ~ 800 Gauss	40 ~ 800 Gauss	
SWITCHING FREQUENCY	200 Hz		1000 Hz	5000 Hz	
TEMPERATURE RANGE	-10 ~ 70 °C		-10 ~ 70 °C	-10 ~ 70 °C	
SHOCK	30 G		50 G	50 G	
VIBRATION	9 G		9 G	9 G	
ENCLOSURE CLASSIFICATION	IP 67 (EN60529)		IP 67 (EN60529)	IP 67 (EN60529)	
PROTECTION CIRCUIT	—		Surge Suppression	Power Reverse Polarity; Surge Suppression	
CE Certificate NO.	No. E8N 1104 53334 005		No. E8N 1104 53334 004	No. E8N 1104 53334 006	—
3C Certificate NO.	No. : 2004010305127433		—	—	
CNEx Certificate NO.	CNEx16.2333X(ExnClCT6GC)		CNEx16. 1850 (ExiallBT6Ga)	CNEx16. 1851 (ExiallBT6Ga)	—
Connection Diagram					
CC-13R(RV) CC-13R(RV)-QD8 CC-13R(RV)-QD12 CC-13R(RV)-EZ2M	CC-13RD CC-13RD-QD8 CC-13RD-QD12 CC-13RD-EZ2M	CC-13DF CC-13DF-QD8 CC-13DF-QD12 CC-13DF-EZ2M	CC-13N(P) CC-13N(P)-QD8 CC-13N(P)-QD12 CC-13N(P)-EZ3M	M8, M12, EZ QUICK CONNECTOR (IEC61076-2-101) 2 wire QD wiring M83M Brown(+)-1 Blue(-)-3 Blue(-)-3 Brown(+)-1 M124M Blue(-)-3 Brown(+)-1 Blue(-)-4 EZ3M Blue(-)-4 Brown(+)-1	3 wire QD wiring M83M Brown(+)-1 Blue(-)-3 Black(OUT) Blue(-)-3 Brown(+)-1 Black(OUT) M124M Blue(-)-3 Brown(+)-1 Blue(-)-4 Black(OUT) EZ3M Blue(-)-3 Brown(+)-1 Black(OUT)

NOTE: The max operating voltage of CC-13R-QD8 is 60V AC/DC (Based on IEC61076-2-101).



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