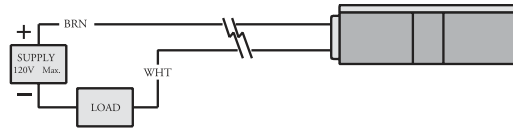


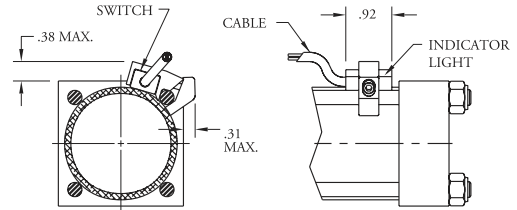
TIE ROD CYLINDERS TM / SM / TMDE / TSMDE

REED SWITCH NO. 43-CRT

Warning –
Do not exceed
Ratings.
Permanent
damage to
sensor may
occur.



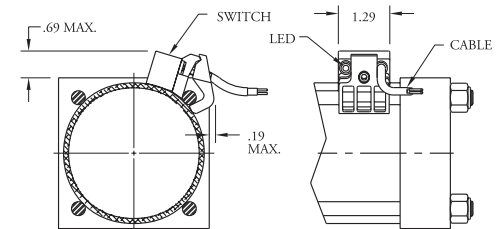
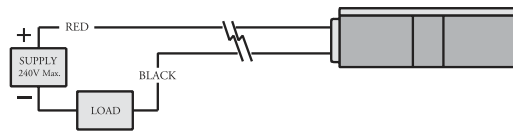
MOUNTING CLAMP - INCLUDED WITH SWITCHES



For use on 1½ through 2½ bore cylinders
(43-CRT, 43-HPT and 43-HNT).

REED SWITCH NO. 43-CRR

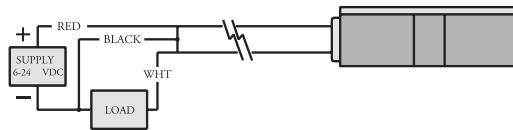
Warning –
Do not exceed
Ratings.
Permanent
damage to
sensor may
occur.



For use on 3¼ through 8 bore cylinders
(43-CRR, 43-HPP and 43-HNN).

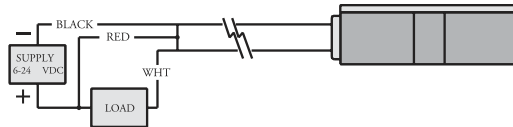
HALL EFFECT SWITCH NO. 43-HPT AND 43-HPP

Warning –
Do not exceed
24 VDC.
Permanent
damage to
sensor may
occur.



HALL EFFECT SWITCH NO. 43-HNT AND 43-HNN

Warning –
Do not exceed
24 VDC.
Permanent
damage to
sensor may
occur.



Power Supply Polarity MUST be observed for proper operation.
FAILURE TO OBSERVE POLARITY WILL CAUSE DAMAGE TO SWITCH.

Temperature Range – operational from -30° to +80°C
Shock – operational up to 30G (11msec./Reeds only. Not applicable for Halls.
Vibration – operational up to 20G (10-55 Hz)/Reeds only. Not applicable for Halls.

SENSOR TYPES AND TECHNICAL DATA

PART NO.	DESCRIPTION	FUNCTION	SWITCHING VOLTAGE	SWITCHING CURRENT	SWITCHING POWER	SWITCHING SPEED	MAX. VOLT. DROP	SENSITIVITY
43CRT	Reed Switch MOV, LED	SPST Normally Open	5-120 VDC/VAC 50/60 HZ	0.5 Amp Max 0.005 Amp Min.	10 Watts Max.	0.5ms operate 0.1ms release	3.5 Volts	85 Gauss
43HPT	Half Effect, LED Sourcing	Normally Open PNP output	6-24 VDC	0.5 Amp max.	12 Watts Max.	1.5µ operate 0.5µ release	0.5 Volts	85 Gauss
43HNT	Half Effect, LED Sinking	Normally Open NPN output	6-24 VDC	0.5 Amp max.	12 Watts Max.	1.5µ operate 0.5µ release	0.5 Volts	85 Gauss
43CRR	Reed Switch MOV, LED	SPST Normally Open	5-240 VDC/VAC 50/60 Hz	1 Amp Max .005 Amp Min.	30 Watts Max.	0.6 ms operate 0.05 ms release	3 Volts	85 Gauss
43HPP	Half Effect, LED Sourcing	Normally Open PNP output	6-24 VDC	1 Amp Max	24 Watts Max.	1.5µ operate 0.5µ release	0.5 Volts	85 Gauss
43HNN	Half Effect, LED Sinking	Normally Open NPN output	6-24 VDC	1 Amp Max	24 Watts Max.	1.5µ operate 0.5µ release	0.5 Volts	85 Gauss