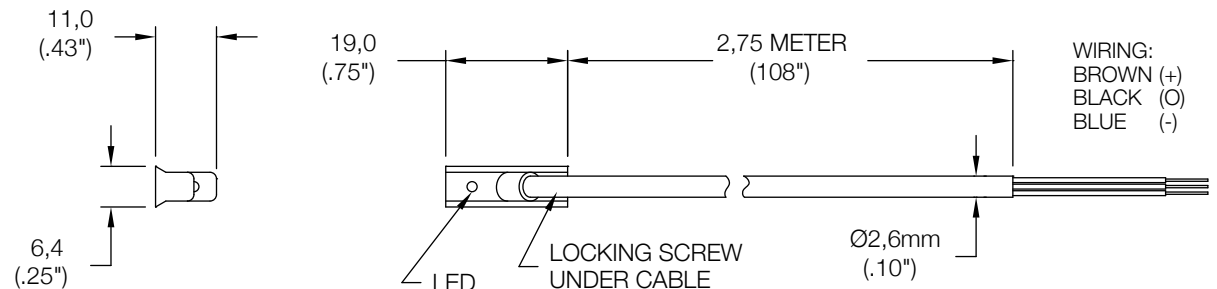


Solid State Limit Sensors

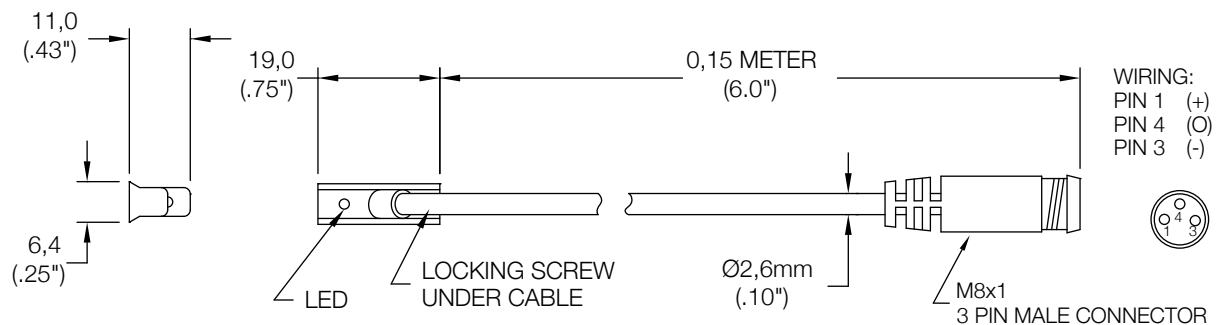
Nason limit sensors are magnetically activated digital output devices. They are on/off devices used to sense piston location on Nason "L" series cylinders. A magnet is added to the piston of the cylinder and a 60° dovetail is machined into the cylinder body to allow the sensors to be added. Magneto-resistive technology (similar to Hall Effect) is used to produce the sensors. This results in greater sensitivity and reduced dead-band compared to Hall devices.

Specifications		
Part Number	SKS, SKP	SCS, SCP
Switch Logic	Solid State Output, Normally Open	Solid State Output, Normally Open
Sensor Type	NPN, Current Sinking	PNP, Current Sourcing
Operating Voltage	5-28 VDC	
Switching Current	200mA max.	
Voltage Drop	1.0 V max	
Switching Power	4.8 Watts max.	
LED Indicator: Switch Active	Red	
Operating Temperature	-20°C to 80°C (-4°F to 176°F)	
Switching Speed	4 uS operate, 4 uS release	
Enclosure Classification	IP67, NEMA 6	
Cable	2.6 dia, 3C, 26 AWG, Black PVC	
Housing	Glass-filled Polypropylene	
Shock	50 G max	
Vibration	9 G max	

Flying Lead Sensors - Part #: SKS, SCS



Quick Disconnect Sensors - Part #: SKP, SCP



Mates with Part Number "SR" sensor receptacle. See page 90.