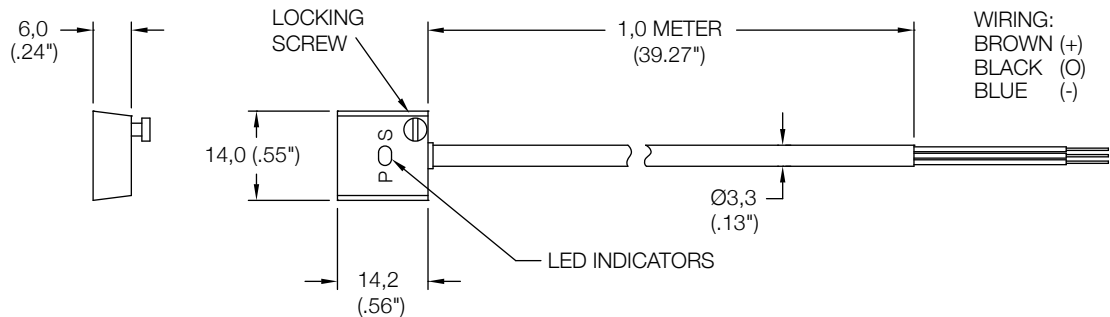


Low Profile Solid State Limit Sensors

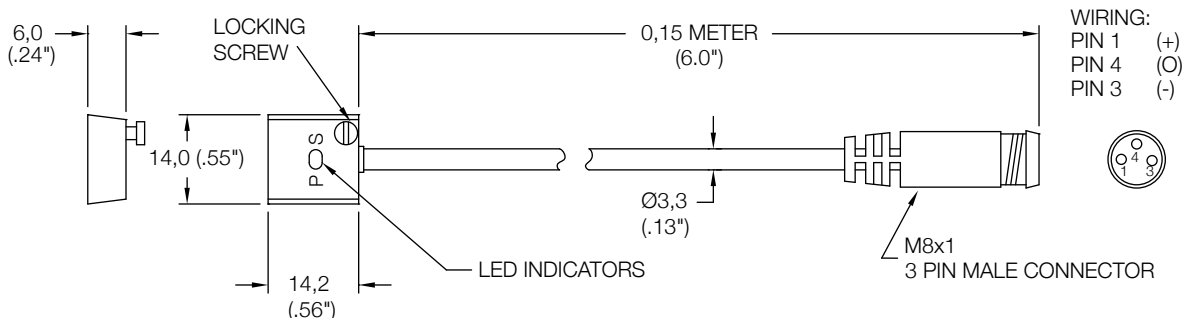
Nason limit sensors are magnetically activated digital output devices. They are on/off devices used to sense piston location on Nason "C" series cylinders. A magnet is added to the piston of the cylinder and a dovetail is machined into the cylinder body to allow the sensors to be added. Magneto-resistive 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	NPL, NPP	PNL, PNP
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	
Current Consumption:	On	16mA @ 24 VDC
	Off	7mA @ 24 VDC
Switching Current	100mA @ 24 VDC, 30mA @ 5 VDC	
Voltage Drop	1.5 V max @ 100mA	
Response Frequency	1 KHz max	
LED Indicators:	Power On	Green
	Switch Active	Red
Operating Temperature	-10°C to 70°C (14°F to 158°F)	
Circuit Protection	Reverse Polarity, Surge Suppression	
Enclosure Classification	IEC 529 IP67, NEMA 6P	
Cable	3.3 dia, 3C, 24 AWG, Black PVC	
Housing	Zinc Diecast - Black	Zinc Diecast - Silver
Shock	50 G max	
Vibration	9 G max	

Flying Lead Sensors - Part #: NPL, PNL



Quick Disconnect Sensors - Part #: NPP, PNP



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