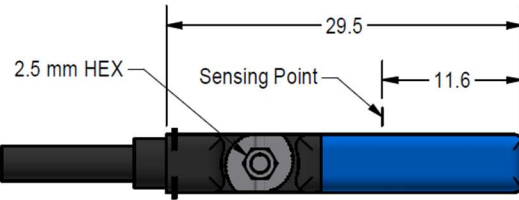


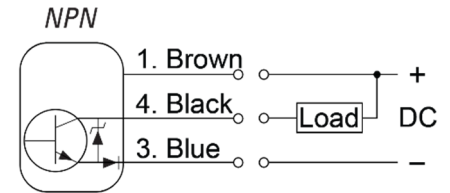
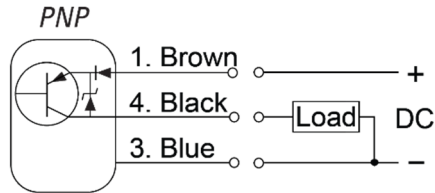


GMR Switching Sensors

These solid-state sensors turn on their output when the piston magnet is sensed. They can be positioned long the sensor tracks to sense end of travel or other critical points throughout the stroke. Use these with The Airpel and Airpel Plus.



Wiring Diagrams



Specifications

Airpot Part Number	GLNC-1A	GLNC-1A	GLP-1A	GLP-2A	GLPC-1A
Switching Type	NPN	NPN	PNP	PNP	PNP
Cable Length	2 m	234 mm	2 m	5 m	234 mm
Cable End	Plain End	M8 Connector	Plain End	Plain End	M8 Connector
Supply Voltage	10-30 V DC				
Electrical wiring	DC 3-wire				
Output Function	Normally Open				
Switching Frequency	1000 Hz				
Ambient Operating Temperature	-30 °C to +80 °C				
Cylinder Type	T Slot				
Voltage Drop	2 V or Less				
Continuous Current	100 mA or less				
Response Sensitivity, typ	3 mT				
Overrun distance, typ	10 mm				
Hysteresis, typ	Less than 0.8 mT				
Repeatability	0.1 mT or less				
Enclosure Rating	IP65, IP67				
Power Consumption (without load)	8 mA or less				
Protection Class	III				
Reverse Polarity Protection	Yes				
Short Circuit Protection	Yes				
Shock and Vibration Resistance	30 g, 11 ms / 10-55 Hz, 1 mm				
EMC spec	According to EN 60947-5-2				
Housing Material	Plastic				
Cable Material	PUR		PVC	PUR	
Sick P/N	MZT7- 03VNS-KU0	MZT7- 03VNS-KP0	MZT7- 03VPS-KW0	MZT7- 03VPS-KUB	MZT7- 03VPS-KP0