

Sensors

- Power Supply: 4.5–28V dc
- Operating Temp.: -10° to 60°C
- Voltage Drop: 1V dc
- IEC Rating: IP 67
- Cable: PVC



3-Wire Magnetoresistive Sensors

Part #	Quick#	Price	Type	Signal	Connection
D-M9PL	5430	\$33.70	3-Wire for C-Slot with Midstroke detection*	PNP	lead, 3m long
D-M9NL	2412	\$33.70	3-Wire for C-Slot with Midstroke detection*	NPN	
D-M9P-SAPC	5497	\$42.06	3-Wire for C-Slot with Midstroke detection*	PNP	M8 connector, 0.5m long
D-M9N-SAPC	5498	\$42.06	3-Wire for C-Slot with Midstroke detection*	NPN	
GSE-D-M9PVL	2403	\$37.20	3-Wire 90° for C slot	PNP	lead, 3m long
GSE-D-M9NVL	2404	\$37.20	3-Wire 90° for C slot	NPN	
Y7PL-PNP	2243	\$44.00	3-Wire for T slot	PNP	lead, 3m long
Y59AL-NPN	2244	\$34.95	3-Wire for T slot	NPN	

*Included: Adaptor for size 10 SMC grippers & Gimatic GS grippers. Midstroke detection not recommended on Angular MHC2 / GW grippers.

- Power Supply: 24V dc
- Operating Temp.: -10° to 60°C
- IEC Rating: IP 67
- Cable: PVC

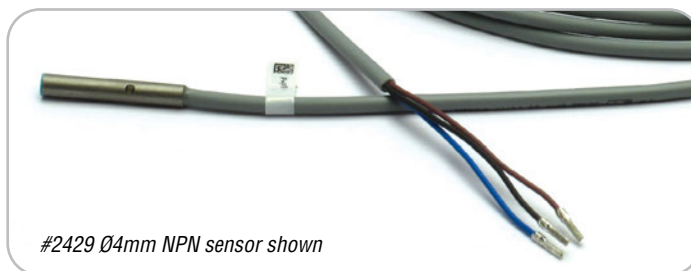


2-Wire REED Sensors

Part #	Quick#	Price	Type	Signal	Connection	Voltage Drop
Y59BL-REED	2245	\$33.90	2-Wire REED for T slot	PNP/ NPN	lead, 3m long	4V
RRK-93	3409	\$20.90	2-Wire REED for C slot	PNP/ NPN	lead, 3m long	2.5V

- This two-wire reed switch can be used to return a signal to a PNP or NPN-type control system.
- PNP robot wiring: connect the Brown wire to a 24Vdc terminal and the Blue wire to one of the robot's Digital Input terminals.
- NPN robot wiring: connect the Blue wire to a 0Vdc terminal and the Brown wire to one of the robot's Digital Input terminals.

- 0.8mm Operating distance.
- Ø3mm or Ø4mm diameter.
- Power Supply: 10–30V dc
- Max. Switching Frequency: 3000 Hz
- Operating Temp.: -25° to 70°C
- IEC Rating: IP 67
- Cable: PVC



#2429 Ø4mm NPN sensor shown

3-Wire Inductive Sensors

Part#	Quick#	Price	Type	Signal	Connection	Voltage Drop
GSG-IS-NPN	2429	\$62.00	Ø4mm N.O. Inductive	NPN	lead, 2m long	3V
GSG-IS-PNP	2430	\$62.00		PNP		
GSG-IS3-NPN	2602	\$98.00	Ø3mm N.O. Inductive	NPN		
GSG-IS3-PNP	2603	\$98.00		PNP		
GSG-IS4-M8-PNP	8083	\$80.00	Ø4mm N.O. Inductive	PNP	with M8 Connector	3V

Sensor diagrams and other specifications can be found on our online product pages at : www.EMICorp.com and search by Quick#.

This sensor has two programmable output signals. Instructions on how to program the sensor are included.

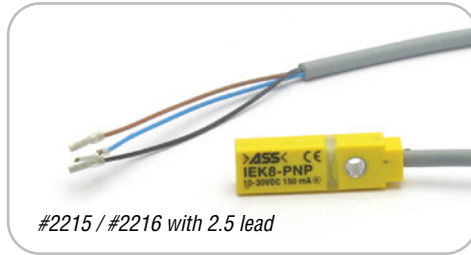


- Power Supply: 12–30V dc
- Max. Switching Frequency: 1000 Hz
- Operating Temp.: -20° to 75°C
- Voltage Drop: 2.2V dc
- IEC Rating: IP 67
- Cable: PUR

4-Wire Magnetoresistive Sensors

Part #	Quick#	>ASS< Part #	Price	Type	Signal	Connection
MFS-T2-3-7	3809	1-808-30-00	\$75.21	4-wire Programable Sensor for C slot	PNP	M8, .5m long

Many >ASS< sprue grippers use >ASS< IES.. or IEK.. sensors.

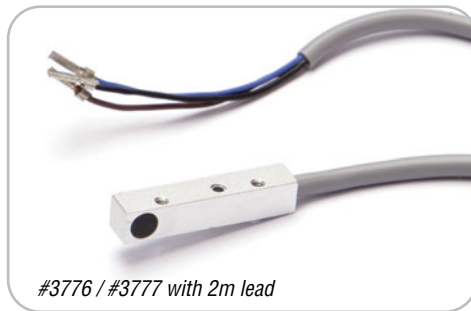


3-Wire Magnetoresistive Sensors

Part #	Quick#	>ASS< Part #	Price	Type	Signal	Connection
UAI-IEK-8-PNP	2215	1-808-12-00	\$49.05	3-wire for GRZ grippers	PNP	lead, 2.5m long
UAI-IEK-8-NPN	2216	1-808-14-00	\$59.95	3-wire for GRZ grippers	NPN	
IES-8-PNP	3805	1-808-16-00	\$49.60	3-wire for GRZ grippers	PNP	M8 connector, 0.16m long
IES-8-NPN	3806	1-808-18-00	\$65.40	3-wire for GRZ grippers	NPN	

- Power Supply: 12–30V dc
- Max. Switching Frequency: 2000 Hz
- Operating Temp.: -30° to 85°C
- Voltage Drop: 1.8V dc
- IEC Rating: IP 67
- Cable: PUR

>ASS< GRZ 10-08 sprue grippers use IE-AL-K.. sensors.



- Power Supply: 10–30V dc
- Max. Switching Frequency: 3000 Hz
- Operating Temp.: 25° to 70°C
- Voltage Drop: 2.5V dc
- IEC Rating: IP 67
- Cable: PUR

3-Wire Inductive Sensors

Part #	Quick#	>ASS< Part #	Price	Type	Signal	Connection
IE-AL-K	3776	1-808-38-00	\$95.92	3-wire Inductive	PNP	lead, 2m long
IE-AL-K-NPN	3777	1-808-39-00	\$95.92	3-wire Inductive	NPN	

Use Quick#s for easy online ordering.