

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>8 mm - Nonembeddable, Miniature Threaded Barrel, Potted-In Cable</b> 	Ni 4-EG08K-AG41X	S4561010	<i>Short Barrel</i>	4	2-Wire DC
	Ni 3-EG08K-AN6X	S4669700	<i>Short Barrel</i>	3	3-Wire DC NPN
	Ni 3-EG08K-AP6X	S4669600	<i>Short Barrel</i>	3	3-Wire DC PNP
	Ni 3-EG08K-Y1	S1003700	<i>Short Barrel</i>	3	2-Wire DC NAMUR
<b>8 mm - Nonembeddable, Miniature Threaded Barrel, Potted-In Cable</b> 	Ni 4-EG08-AG41X	S4561000		4	2-Wire DC
	Ni 3-EG08-AN6X	S4602840		3	3-Wire DC NPN
	Ni 3-EG08-AN6X/S1589	S4602888	weldguard®	3	
	Ni 3-EG08-AN7X	S4669759	TTL Compatible	3	
	Ni 4U-EG08-AN6X	S4600610	Uprox	4	
	Ni 6U-EG08-AN6X	S4635803		6	
	Ni 3-EG08-AP6X	S4602740		3	3-Wire DC PNP
	Ni 3-EG08-AP6X/S1589	S4602789	weldguard	3	
	Ni 4U-EG08-AP6X	S4600600	Uprox	4	
	Ni 6U-EG08-AP6X	S4635800		6	

For detailed sensor specifications see Section M.  
 Normally Closed versions available upon request, consult factory.



Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Cable Length / Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-55 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<b>Diagram 1</b>
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	3	<b>Diagram 2</b>
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	4	<b>Diagram 3</b>
10-55 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<b>Diagram 4</b>
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	2	
	2000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
10-30 VDC	1000	≤150	0 to +70	IP 68	SS	LCP	TROG	N/A	YE	2M/PUR	2	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	3	
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	3	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	3	
10-30 VDC	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	3	
	1000	≤150	0 to +70	IP 68	SS	LCP	TROG	N/A	YE	2M/PUR	3	

Barrels

For material descriptions see page M36.