

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
18 mm - Nonembeddable, Extended Barrel Length, Partial Threading, Potted-In Cable 	Ni 8-M18E-AD4X	T4411292		8	2-Wire DC
	Ni 12U-EM18E-AN6X	M1645321	<i>Uprox</i>	12	3-Wire DC NPN
	Ni 12U-M18E-AN6X	M1645110	<i>Uprox</i>	12	3-Wire DC NPN
	Ni 12U-EM18E-AP6X	M1645301	<i>Uprox</i>	12	3-Wire DC PNP
	Ni 12U-M18E-AP6X	M1645106	<i>Uprox</i>	12	3-Wire DC PNP
	Ni 8-M18E-VN4X	T1571290	<i>Comp. Output</i>	8	4-Wire DC NPN
Ni 8-M18E-VP4X	T1561290	<i>Comp. Output</i>	8	4-Wire DC PNP	
18 mm - Nonembeddable, Partial Threading, Potted-In Cable 	Ni 10-EM18WD-AN6X	M4653432	<i>Washdown</i>	10	3-Wire DC NPN
	Ni 10-EM18WD-AP6X	M4653420	<i>Washdown</i>	10	3-Wire DC PNP
18 mm - Nonembeddable, Partial Threading Potted-In Cable 	Ni 8-M18T-AN6X	T4614300		8	3-Wire DC NPN
	Ni 8-M18T-AP6X	T4614200		8	3-Wire DC PNP
18 mm - Nonembeddable, Partial Threading Potted-In Cable 	Ni 8-M18T-AZ3X	T4312100		8	2-Wire AC/DC

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



Output	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
10-65 VDC	500	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	Diagram 1
10-30 VDC	2000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	2000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	Diagram 2
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	
10-30 VDC	1000	≤200	-10 to +85	IP 68, 69K	SS	PVDF	EPTR	N/A	YE	2M/PUR	2	Diagram 3
10-30 VDC	1000	≤200	-10 to +85	IP 68, 69K	SS	PVDF	EPTR	N/A	YE	2M/PUR	3	Diagram 4
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	CPB	N/A	YE	2M/PVC	2	Diagram 5
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	CPB	N/A	YE	2M/PVC	3	Diagram 6
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	CPB	N/A	RD	2M/PVC	6	

Barrels

For material descriptions see page M22.