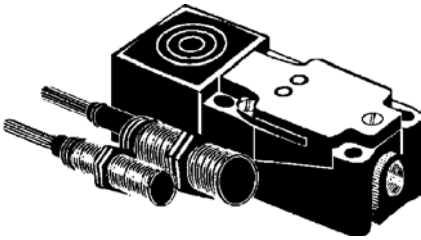


Inductive Proximity Sensors

- For Sensing of All Ferrous Metals
- 12, 18 and 30 mm Diameters
- Stainless Steel Housing, Nickel Plated Brass or Polyester Housing
- Extended Sensing Range On 2 Wire DC Types
- Sensing Distances Up to 25 mm
- 2 Or 3 Wire DC, 2 Wire AC, 4 Wire AC/DC
- Easy to View LED Indication

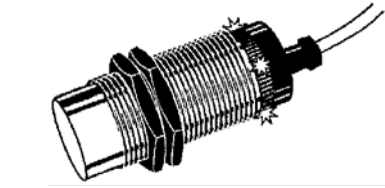
- Common Applications Include:
- End of Travel Detection
 - Broken Drill or Saw Blade Detection
 - RPM/Zero Speed Detection



Stock No.	Mfr.'s Type	Sensing Technology	Housing (Thread) Material	Diameter × Length (mm)	Sensing Range (mm)	Shielded (Flush Mount)	Supply Voltage	Output Type*	Maximum Current (mA)	Switching Speed (Hz)	EACH	
											1-4	5-9
251-1102	EI 1202 NPOSS	Inductive	SS 304	M12 × 46	2	Yes	10-40 VDC	NPN N/O	200	800	67.00	63.65
251-0126	IA12 DSF 04DO*	Inductive	NiBr	M12 × 54	4	Yes	10-40 VDC	NPN N/O	100	1000	79.00	75.05
251-0003	EI 1202 TBOSL	Inductive	SS 304	M12 × 66	2	Yes	20-250 VAC	SCR N/O	500	25	104.00	98.80
251-1104	EI 1204 NPOSS	Inductive	SS 304	M12 × 50	4	No	10-40 VDC	NPN N/O	200	500	67.00	63.65
251-0127	IA12 DSN 08DO*	Inductive	Ni Br	M12 × 58	8	No	10-40 VDC	NPN N/O	100	800	79.00	75.05
251-0007	EI 1204 TBOSL	Inductive	SS 304	M12 × 70	4	No	20-250 VAC	SCR N/O	500	25	104.00	98.80
251-0150	EI 1805 NPOSS	Inductive	SS 304	M18 × 57	5	Yes	10-40 VDC	NPN N/O	200	500	77.00	73.15
251-0128	IA18 DSF 08DO*	Inductive	NiBr	M18 × 57	8	Yes	10-40 VDC	NPN N/O	100	500	83.00	78.60
251-0010	EI 1805 TBOSL	Inductive	SS 304	M18 × 57	5	Yes	20-250 VAC	SCR N/O	500	25	111.00	105.45
251-1108	EI 1808 NPOSS	Inductive	SS 304	M18 × 65	8	No	10-40 VDC	NPN N/O	200	400	77.00	73.15
251-0129	IA18 DSN 14DO	Inductive	Ni Br	M18 × 65	14	No	10-40 VDC	NPN N/O	100	400	83.00	78.85
251-0013	EI 1808 TBOSL	Inductive	SS 304	M18 × 65	8	No	20-250 VAC	SCR N/O	500	25	111.00	105.45
251-1110	EI 3010 NPOSS	Inductive	SS 304	M30 × 59	10	Yes	10-40 VDC	NPN N/O	200	300	88.00	83.60
251-0130	IA30 DSF 15DO*	Inductive	NiBr	M30 × 59	15	Yes	10-40 VDC	NPN N/O	100	400	87.00	82.65
251-0016	EI 3010 TBOSL	Inductive	SS 304	M30 × 59	10	Yes	20-250 VAC	SCR N/O	500	25	117.00	111.15
251-1112	EI 3015 NPOSS	Inductive	SS 304	M30 × 71	15	No	10-40 VDC	NPN N/O	200	100	88.00	83.60
251-0131	IA30 DSN 22DO*	Inductive	Ni Br	M30 × 71	22	No	10-40 VDC	NPN N/O	100	200	87.00	82.65
251-0019	EI 3015 TBOSL	Inductive	SS 304	M30 × 87.5	15	No	20-250 VAC	SCR N/O	500	25	117.00	111.16
251-1020	EIA 4025 NPAP	Inductive	PBTP	40 × 40 × 120	25	No	10-55 VDC	NPN N/O and C	200	100	148.00	140.60
251-1022	EIA 4025 UPAP	Inductive	PBTP	40 × 40 × 120	25	No	20-250 VAC/DC	VMOS N/O and C	250	100	170.00	161.51

*Upon request, most of the sensors above are available in plastic or metal housings with M12 quick disconnect, PNP and/or N/C outputs.

Capacitive Proximity Sensors



- For Sensing of Granulates, Plastics and other Ferrous/Non- Ferrous Materials
- 18 and 30 mm Diameters
- Rugged and Cost Effective Polyester Housings
- NEW Patented TRIPLESIELD™ Protection
- Adjustable Sensitivity, Up to 25 mm
- 3 or 4 Wire DC, 2 Wire AC/DC or 2 Wire AC
- Ring LED Indication (30 mm Types); Side LED Indication (18 mm Types)

- Common Applications Include:
- Grain/Plastic Pellet Hopper Level Detection
 - Level Control Through Sight Glass
 - Detection Inside of Cardboard/Plastic Containers

Stock No.	Mfr.'s Type	Sensing Technology	Housing (Thread) Material	Diameter × Length (mm)	Sensing Range (mm)	Shielded (Flush Mount)	Supply Voltage	Output Type*	Maximum Current (mA)	Switching Speed (Hz)	EACH	
											1-4	5-9
251-0132	CA18 CLF 08NA†	Capacitive	PBTP	M18 × 87	3-8	Yes	10-40 VDC	NPN N/O	200	30	85.00	80.75
251-0133	CA18 CLF 08TO†	Capacitive	PBTP	M18 × 87	3-8	Yes	20-250 VAC	SCR N/O	500	10	132.00	125.40
251-0134	CA18 CLF 08TO†	Capacitive	PBTP	M18 × 87	3-8	Yes	20-250 VAC	SCR N/C	500	10	132.00	125.40
251-0135	CA18 CLN 12NA†	Capacitive	PBTP	M18 × 87	3-12	No	10-40 VDC	NPN N/O	200	30	82.00	80.75
251-0136	CA18 CLN 12TO†	Capacitive	PBTP	M18 × 87	3-12	No	20-250 VAC	SCR N/O	500	10	132.00	125.40
251-0137	CA18 CLN 12TC†	Capacitive	PBTP	M18 × 87	3-12	No	20-250 VAC	SCR N/C	500	10	132.00	125.40
251-0138	CA30CLF16CP†	Capacitive	PBTP	M30 × 79	2-16	Yes	20-250 VAC/DC	MOSFET N/O or C	250	10	150.00	142.50
251-0139	EC3016 NPAPL†	Capacitive	PBTP	M30 × 71	4-16	Yes	10-40 VDC	NPN N/O and C	200	100	134.00	127.30
251-0140	EC3016 TBAPL†	Capacitive	PBTP	M30 × 71	4-16	Yes	20-250 VAC	SCR N/O or C	500	25	190.00	180.50
251-0141	CA30CLN25CP	Capacitive	PBTP	M30 × 91	2-25	No	20-250 VAC/DC	MOSFET N/O or C	250	10	150.00	142.50
251-1113	EC 3025 NPAPL†	Capacitive	PBTP	M30 × 91	4-25	No	10-40 VDC	NPN N/O and C	200	100	129.00	122.56
251-1115	EC 3025 TBAPL†	Capacitive	PBTP	M30 × 90	4-25	No	20-250 VAC	SCR N/O or C	500	25	174.00	166.30

*Upon request, most of the sensors above are available in plastic or metal housings with M12 quick disconnect, PNP and/or N/C outputs. †With NEW patented TRIPLESIELD™ protection from noise interference caused by ESD, GSM or transient bursts, also features a ring LED indication.

Photoelectric Sensors

- For Sensing of Light Colored/Reflective Objects
- Diffuse Reflective Types Up to 16 Inches (400 mm)
- Retro Reflective Types Up to 9.8 feet (3000 mm)
- Rugged and Cost Effective 18 mm Polyester Housing
- Easy to View LED Indication
- Adjustable Potentiometer

- Common Applications Include:
- Material Detection on a Conveyor
 - People and/or Vehicle Detection Through Doorway/Aisle
 - Detection of Parts in an Automation Process



Stock No.	Mfr.'s Type	Sensing Technology	Housing (Thread) Material	Diameter × Length (mm)	Sensing Range (mm)	Shielded (Flush Mount)	Supply Voltage	Output Type*	Maximum Current (mA)	Switching Speed (Hz)	EACH	
											1-4	5-9
251-0142	PA18 CSD 04NA	Diffuse Reflective	PBTP	M18 × 71	0-400	Yes	10-40 VDC	NPN N/O and C	200	120	69.00	65.55
251-0143	PA18 CLD 04TO	Diffuse Reflective	PBTP	M18 × 87	0-400	Yes	20-250 VAC	SCR N/O	500	20	75.00	71.26
251-0144	PA18 CLD 04TC	Diffuse Reflective	PBTP	M18 × 87	0-400	Yes	20-250 VAC	SCR N/C	500	20	75.00	71.26
251-0145	PA18 CSR 30NA	Retro Reflective	PBTP	M18 × 71	0-3000	Yes	10-40 VDC	NPN N/O and C	200	120	73.00	69.35
251-0146	PA18 CLR 30TO	Retro Reflective	PBTP	M18 × 87	0-3000	Yes	20-250 VAC	SCR N/O	500	20	78.00	74.10
251-0147	PA18 CLR 30TC	Retro Reflective	PBTP	M18 × 87	0-3000	Yes	20-250 VAC	SCR N/C	500	20	78.00	74.10

*Upon request, most of the sensors above are available in plastic or metal housings with M12 quick disconnect, PNP and/or N/C outputs.