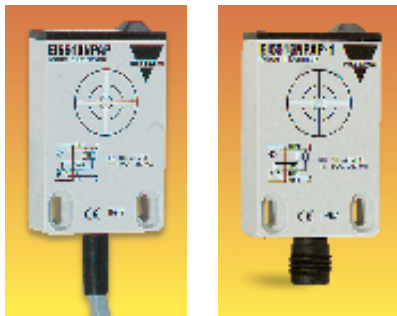


Proximity Switches – Inductive — continued

Flat Pack, dc, Prewired and M12 Plug-In

EI 55 Series



- Sensing distance of 10 or 15 mm dependent on model
- Units have both make and break switching with LED indication
- Choice of NPN or PNP output
- Sensors are sealed to IP67
- Available prewired or with M12 standard plug

Manufactured in a flat pack housing of grey polycarbonate, these inductive proximity sensors are available in two operating types. The first is designed for flush mounting in metal and has a sensing distance of 10mm. The second is non-flush mounting and has a sensing distance of 15mm. Both units are easily mounted using two M3.5 screws.

Operating voltage	10 to 40 V dc
Switching current	≤200 mA
Frequency of operation	EI 5510 = 400 Hz, EI5515 = 200Hz
Operating temperature range	-25°C to +70°C

Connection Method	Mounting Style	Output Type	Sensing Distance	Mfrs. List No.	Order Code
Prewired cable	Flush	NPN	10 mm	EI 55 10 NPAP	711-4990
Prewired cable	Flush	PNP	10 mm	EI 55 10 PPAP	711-5003
Prewired cable	Non-flush	NPN	15 mm	EI 55 15 NPAP	711-5015
Prewired cable	Non-flush	PNP	15 mm	EI 55 15 PPAP	711-5027
M12 connector	Flush	NPN	10 mm	EI 55 10 NPAP-1	711-5039
M12 connector	Flush	PNP	10 mm	EI 55 10 PPAP-1	711-5040
M12 connector	Non-flush	NPN	15 mm	EI 55 15 NPAP-1	711-5052
M12 connector	Non-flush	PNP	15 mm	EI 55 15 PPAP-1	711-5064

SAT111

Prewired	Order Code	1+	5+	10+	25+
Flush, NPN	711-4990				
Flush, PNP	711-5003				
Non-Flush, NPN	711-5015				
Non Flush, PNP	711-5027				
M12 Plug-in					
Flush, NPN	711-5039				
Flush, PNP	711-5040				
Non-Flush, NPN	711-5052				
Non Flush, PNP	711-5064				

Stainless Steel, M12 Plug-In 3-Wire dc



M12 Flush, M8 Flush, M8 Non-Flush

- All stainless steel construction
- M12 plug connection reduces installation and maintenance time
- Protection against short circuit, transients and reverse polarity
- Available flush or non-flush mount, NPN or PNP output, M8 or M12 housing

Operating voltage	0 to 40V dc	Dimensions	
Switching current	280mA	Flush: L = 62.5 (M8), L = 55 (M12)	
Protection	IP67	Non-flush: L = 65.5 (M8), L = 59 (M12)	
Output	Normally open		

Body Type	Sensing Distance	Output	Mfrs. List No.	Order Code
M8 Body				
Flush	1mm	NPN	EI0801NPOF-1	711-3961
Non-Flush	2mm	NPN	EI0802NPOF-1	711-3973
Flush	1mm	PNP	EI0801PPOF-1	711-3985
Non-Flush	2mm	PNP	EI0801PPOF-1	711-3997
M12 Body				
Flush	2mm	NPN	EI1202NPOF-1	711-4000
Non-Flush	4mm	NPN	EI1204NPOF-1	711-4011
Flush	2mm	PNP	EI1202PPOF-1	711-4023
Non-Flush	4mm	PNP	EI1204PPOF-1	711-4035

SAT107

Type	Order Code	1+	5+	10+	25+
M8 Body					
Flush, NPN	711-3961				
Non-Flush, NPN	711-3973				
Flush, PNP	711-3985				
Non-Flush, PNP	711-3997				
M12 Body					
Flush, NPN	711-4000				
Non-Flush, NPN	711-4011				
Flush, PNP	711-4023				
Non-Flush, PNP	711-4035				

Extended Sensing, Prewired Short Case, 3 Wire dc

Telemecanique



- 3-wire dc inductive proximity switches with extended sensing range
- Multi-direction LED operation indication
- Fully shielded
- Over-load and short-circuit protection

530-293: Thread M8, L = 33
530-300: Thread M12, L = 33
530-311: Thread M18, L = 33.5

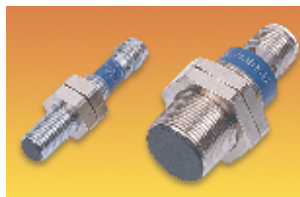
Output	Normally open, PNP	Response frequency	M8 = 350Hz, M12 = 300Hz, M18 = 60Hz
Output rating	200mA	Temperature range	-25°C to +50°C
Supply voltage	12–24V dc		
Voltage limits incl. ripple)	10 to 38V dc		
Sealing	IP67		

SEN135X

Size	Sensing Distance	Mfrs. List No.	Order Code	1+	5+	10+	25+
M8	2mm	XS1N08PA349	530-293				
M12	3.2mm	XS1N12PA349	530-300				
M18	8mm	XS1N18PA349	530-311				

Extended Sensing, M8 and M12 Plug-In 3-Wire dc, Short Case

Telemecanique



- 3-wire dc inductive proximity switches with extended sensing range
- Red LED operation indicators giving multi-direction visibility
- Fully shielded
- Over-load and short-circuit protection
- Metal body incorporates a metal 3-pin screw-lock M8 or 4-pin M12 plug-in connector

Output	Normally open, PNP	Response frequency	M8 = 350Hz, M12 = 300Hz, M18 = 60Hz
Output rating	200mA	Temperature range	-25°C to +50°C
Supply voltage	12–24V dc		
Voltage limits (incl. ripple)	10 to 38V dc		
Sealing	IP67		

Sensing Distance	Thread Size Length mm	Plug Connection	Output	Mfrs. List No.	Order Code
2mm	M8 42	M8	PNP	XS1N08PA349S	530-323
2mm	M8 45	M12	PNP	XS1N08PA349D	530-335
3.2mm	M12 45	M12	PNP	XS1N12PA349D	530-347
8mm	M18 45	M12	PNP	XS1N18PA349D	530-359

FOR SUITABLE M12 SENSOR CONNECTORS, SEE ORDER CODE 532-125

SEN136X

Size	Sensing Distance	Output	Order Code	1+	5+	10+	25+
M8 Plug-In Connection							
M8	2mm	PNP	530-323				
M12 Plug-In Connection							
M8	2mm	PNP	530-335				
M12	3.2mm	PNP	530-347				
M18	8mm	PNP	530-359				

1/2" UNF Plug-In – 2 Wire ac/dc

Telemecanique



- 2-wire inductive proximity switches in GENELEC standard housings
- Suitable for either ac or dc operation
- Fully shielded
- Red LED operation indicators giving multi-direction visibility
- Metal body incorporates 3-pin 1/2" 20 UNF plug-in connector
- Protection to IP67, using a recommended Lumberg or equivalent connector

530-360: Thread M12, L = 61
530-372: Thread M18, L = 70
530-384: Thread M30, L = 70