

INDUCTIVE PROXIMITY SWITCHES

proxistor
179-313+314

I22

DC 3 Wire V & G		V (VSF)	V (VSN)	G (GSF)	G (GSN)
		Flush (Shielded)	(Non-Flush (Unshielded))	Flush (Shielded)	(Non-Flush (Unshielded))
DC 3 Wire	PNP NO	IPO 002 VSF	IPO 004 VSN	IPO 002 GSF	IPO 004 GSN
	PNP NC	IPC 002 VSF		IPC 002 GSF	
	NPN NO	INO 002 VSF	INO 004 VSN	INO 002 GSF	INO 004 GSN
	NPN NC				

Sensing Range	2mm	4mm	2mm	4mm
Operating Zone	0 to 1.6mm	0 to 3.2mm	0 to 1.6mm	0 to 3.2mm
Supply Voltage	5 to 30VDC	5 to 30VDC	5 to 30VDC	5 to 30VDC
Maximum Rated Load	250mA	250mA	250mA	250mA
Voltage Drop at Max. Load	≤0.5V	≤0.5V	≤0.5V	≤0.5V
No Load supply Current	≤3.0mA	≤3.0mA	≤3.0mA	≤3.0mA
Min. Load Current	0.1mA	0.1mA	0.1mA	0.1mA
Inrush Current	-	-	-	-
Offstate Current	-	-	-	-
Hysteresis	≤15%	≤15%	≤15%	≤15%
Repeatability	±0.02mm	±0.04mm	±0.02mm	±0.04mm
Switching Frequency (Max.)	1000Hz	800Hz	1000Hz	800Hz
Short Circuit Protection	X	X	X	X
Reverse Polarity Protection	X	X	X	X
LED Function Display	✓	✓	✓	✓
Operating Temperature	-30 to +100°C	-30 to +100°C	-30 to +100°C	-30 to +100°C
Housing Material	Plastic (GRP) Crastine		Plastic (GRP) Crastine	
Protection Class	IP67	IP67	IP67	IP67
Connection	2m 3w cable (pvc)	2m 3w cable (pvc)	2m 3w cable (pvc)	2m 3w cable (pvc)

