


Hermetic Switch Proximity Sensors

TUBULAR

Parameters			Type	PRX+0700	PRX+0800	PRX+0900	PRX+1100	PRX+1500	PRX+1600	PRX+1700	PRX+1800	PRX+1900
Configuration				Form A SPST-NO	Form B SPST-NC	Form C SPDT	Form A SPST-NO	Form A SPST-NO	Form A SPST-NO	Form A SPST-NO	Form B SPST-NC	Form C SPDT
Figure				1	1	1	3	5	7	5	5	5
Switching Voltage	Max	Volts DC		100	120	120	30	30	100	100	120	120
Switching Current	Max	A		0.25	0.25	0.25	0.20	0.05	0.20	0.25	0.25	0.25
Switching Power	Max	W/VA		10	3	3	4	1	4	10	3	3
Voltage Breakdown	Min	Volts DC		300	300	300	300	200	200	300	300	300
Initial Contact Resistance	Max	Ohms		0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.25
Operating Temp.	Min Max	°C		+105	+105	+105	+10 +70	+125	+125	+105	+105	+105
Must Operate*	-			0.200in	0.200in	0.200in	0.750in	0.125in	0.125in	0.200in	0.200in	0.200in
Must Release**	-			0.750in	0.750in	0.750in	1.500in	0.400in	0.400in	0.550in	0.550in	0.550in
Wire Color/AWG				Wht/22	Red/24	Red-NC/24 Wht-NO/24 Blue-Com/24	Wht/22	Blue/28 Yell/28	Electro-Plated Tin	Wht/22	Red/22	Blue-NC/24 Red-NO/22 Wht-Com/24
Actuator Part No.				0100	0100	0100	1000	1005	1006	1007	1007	1007
Actuator Figure				2	2	2	4	6	6	6	6	6
Switch Rating				-	-	-		-	-	-	-	-
Notes				2,4	2,4	2,4	1,4,5	2,4	2,4	2,4	2,4	2,4

Tubular Dimensions

Housing Diameter	Inch	0.313	0.313	0.313	0.455	0.095	0.245	0.245	0.245	0.245
Housing Length	Inch	1.500	1.500	1.500	1.505	0.470	0.500	1.000	1.000	1.000
Actuator Diameter	Inch	0.313	0.313	0.313	0.455	0.100	0.245	0.245	0.245	0.245
Actuator Length	Inch	1.500	1.500	1.500	1.505	0.410	0.500	1.000	1.000	1.000

