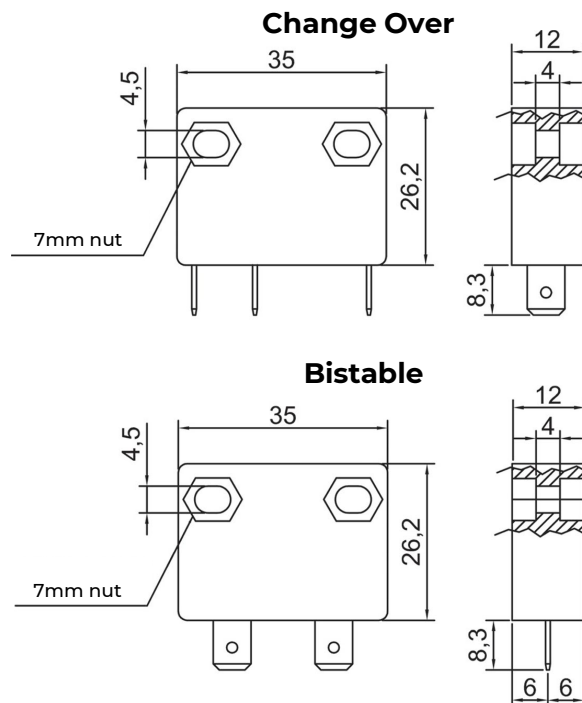


# Rectangular Reed Proximity Switch, 35 x 26.2 mm



**Series**

P282

**Switching Function - select one\***

Contact Type		Voltage		Power	Current	Connection Scheme
		DC	AC			
A1	Normally open	100 V Max	150 V Max	10W Max	0.5 A Max	
A2	Normally open	200 V Max	250 V Max	50 W Max	1 A Max	
A3	Normally open	230 V Max		60 W Max	3 A Max	
F1	Normally closed	150 V Max		10 W Max	0.5 A Max	
L1	Change Over	150 V Max		10 W Max	0.5 A Max	

\*Voltage and amperage can be configured to meet project requirements as long as they remain within the device's operational range and do not exceed the specified maximum wattage.

**Electrical Termination - select one**

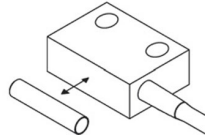
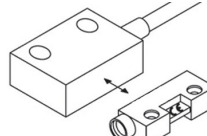
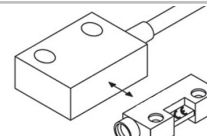
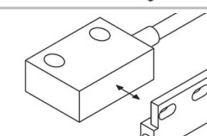
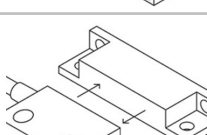
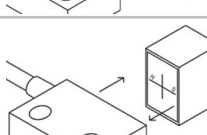
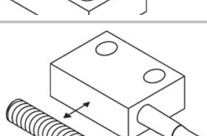
E4 With faston 6.3mm x 0.8mm tabs

**Technical Parameters**

<b>Electrical</b>	Operating Frequency	250 imp/sec
<b>Mechanical</b>	Housing Material	Nonflammable Nylon Glass
	Housing Color	Black
	Mechanical Life	100,000,000 operations
	Repeatability at 77°F	0.1 mm
<b>Environmental</b>	Working Temperature	-4°F to 140°F (-20°C to +60°C)
	Impact Resistance	30 g / 11 ms
	Vibration Resistance	0.35 mm at 10-55 Hz

# P282 Working Distance Examples

Example of Working Distances Between Sensors and Magnets

A1		A2		A3		F1		Magnet Product Code	
Activation (mm)	Hysteresis (mm)	Activation (mm)	Hysteresis (mm)	Activation (mm)	Hysteresis (mm)	Activation (mm)	Hysteresis (mm)		
20	1	15	4	9	3	14	3	M1	
29	1	14	4	9	3	14	4	M2	
38	1	23	6	17	3	24	4	M3	
36	1	20	5	14	4	19	4	M4	
39	1	22	5	16	3	21	4	M5	
13	1	9	4	5	2	9	3	M6	
14	1	11	4	7	2	12	2	M7	
25	1	22	5	16	3	21	3	M8	
32	1	35	5	18	4	25	5	M9	
18	1	15	4	11	4	15	3	M10	
29	1	22	4	16	4	23	4	M11	