



To mount, insert the thinner part of the proximity switch into the provided slot, turn 90° and secure with the mounting screw.

Metric



Information

With GN 896.1 to GN 896.3 proximity switches the pneumatically toggle clamps can emit control signals. To do this the clamps must be assembled with a special cylinder with magnetic piston which will cause the electric contacts in the REED switch to close. The proximity switches with their mounting brackets can be set anywhere along the full stroke length of the cylinder.

Specification

	GN 896.1	GN 896.2	GN 896.3
Voltage range:	3 to 110 V AC/DC	3 to 110 V AC/DC	3 to 110 V AC/DC
Switching current:	0.3 A	0.3 A	0,2 A
Switching capacity (ind.):	10 VA	10 VA	6 VA
Voltage drop LED:	3 V	3 V	3 V
Temperature range:	-4 °F to +185 °F (-20 °C to +85 °C)	-4 °F to +185 °F (-20 °C to +85 °C)	-4 °F to +185 °F (-20 °C to +85 °C)
Slew rate:	0.6 ms	0.6 ms	0.5 ms
Life expectancy:	10 ⁷ operations	10 ⁷ operations	10 ⁷ operations
Protection class:	IP 67	IP 67	IP 67

Electric cable PVC
2 wires, 2.5 meters
If used on DC brown wire to
be connected to +, for the
diode to work.

How to order

1
GN 896.1

1 Proximity switch

Pneumatically toggle clamp	Proximity switch	b	$h_1 \approx$	$h_2 \approx$	Length l
GN 860-200-AP3-M	GN 896.2	44 1.73	24 .94	10 .39	14 .55
GN 860-200-EP3-M	GN 896.2	44 1.73	24 .94	10 .39	14 .55
GN 860-300-AP3-M	GN 896.2	50 1.97	27 1.06	11 .43	14 .55
GN 860-300-EP3-M	GN 896.2	50 1.97	27 1.06	11 .43	14 .55
GN 860-400-AP3-M	GN 896.1	62 2.44	24 .94	10 .39	14 .55
GN 860-400-EP3-M	GN 896.1	62 2.44	24 .94	10 .39	14 .55
GN 861-1000-EP-M	GN 896.3	65 2.56	-	-	30 1.18
GN 861-2000-EP-M	GN 896.3	75 2.95	-	-	30 1.18
GN 862-200-APV3-M	GN 896.2	44 1.73	24 .94	10 .39	14 .55
GN 862-200-EPV3-M	GN 896.2	44 1.73	24 .94	10 .39	14 .55
GN 862-300-APV3-M	GN 896.2	50 1.97	27 1.06	11 .43	14 .55
GN 862-300-EPV3-M	GN 896.2	50 1.97	27 1.06	11 .43	14 .55
GN 862.1-200-APV3S-M	GN 896.2	44 1.73	24 .94	10 .39	14 .55
GN 862.1-200-EPV3S-M	GN 896.2	44 1.73	24 .94	10 .39	14 .55
GN 862.1-300-APV3S-M	GN 896.2	50 1.97	27 1.06	11 .43	14 .55
GN 862.1-300-EPV3S-M	GN 896.2	50 1.97	27 1.06	11 .43	14 .55
GN 863-1000-EPV-M	GN 896.3	65 2.56	-	-	30 1.18
GN 863-2000-EPV-M	GN 896.3	75 2.95	-	-	30 1.18
GN 890-360-SP3-M	GN 896.2	44 1.73	24 .94	10 .39	14 .55
GN 890-1100-SP3-M	GN 896.2	50 1.97	27 1.06	11 .43	14 .55
GN 890-2100-SP3-M	GN 896.1	62 2.44	26 1.06	10 .39	14 .55

