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Sensing and Control
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Sensing and Control
Honeywell Inc.
11 West Spring Street
Freeport, IL 61032



Position Sensors

High Temperature Basic Switches

HT Series



GENERAL INFORMATION

HT switches will withstand temperatures up to +1000F. The switching element is mounted on a ceramic base within a stainless steel enclosure. HT switches are not classified as sealed switches.

FEATURES

- Temperature tolerance up to +1000°F (538°C)
- Designed to meet military applications
- Side and panel mount
- UL recognized

ELECTRICAL RATINGS

Circuitry	Electrical Rating
Single-Pole	UL Ratings: 3 amps, 1/10 HP, 125 vac. 3 amps, 1/6 HP, 250 vac.
Double-Throw 	

Characteristics: O.F. – Operating Force; R.F. – Release Force; P.T. – Pretravel; O.T. – Overtravel; O.P. – Operating Position

HT ORDER GUIDE

	Catalog Listing	Description	O.F. newtons ounces	R.F. min. newtons ounces	P.T. max. mm inches	O.T. min. mm inches	O.P. mm inches
 Fig. 1	1HT1	Straight plunger panel mount	2,78-5,56 10-20	1,67 6	1,65 .065	4,78 .188	23,7 .935 approx.
 Fig. 2	3HT1	Roller plunger panel mount	8,34 30 max.	1,67 6	1,65 .065	4,78 .188	35,9 1.413 approx.
 Fig. 3	2HT1	Pin plunger side mount	2,78-5,56 10-20	1,67 6	1,27 .050	0,25 .010	16,8 .66 approx.

HT MOUNTING DIMENSIONS (For reference only)

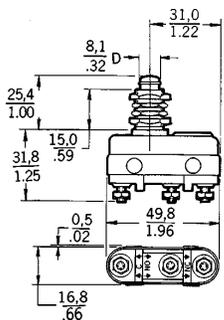


Fig. 1

Mounting holes will accept pins or screws of .139" (3,53 mm) dia.

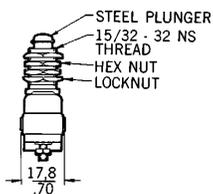


Fig. 2

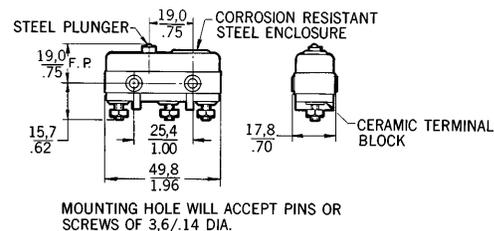
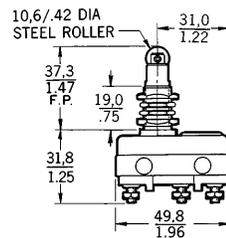


Fig. 3

MOUNTING HOLE WILL ACCEPT PINS OR SCREWS OF 3,6/.14 DIA.

Key: $\frac{0,0}{0.00} = \frac{\text{mm}}{\text{inches}}$