

DURASTAR SERIES • RODLESS LINEAR POSITION TRANSDUCER

TECHNICAL SPECIFICATIONS

MECHANICAL

Total Mechanical Travel	4.2 to 50.2 in. (106 to 1275 mm)
Starting Force	1.0 lb (0.45 kg)
Total Weight	0.8 to 4.9 lb (0.36 to 2.2 kg)
Vibration	20 g rms 0.75 mm 5 Hz to 2 kHz
Shock	50 g 11 ms half sine
Backlash	0.001 in. (0.025 mm)
Life	One Billion dither operations

ELECTRICAL

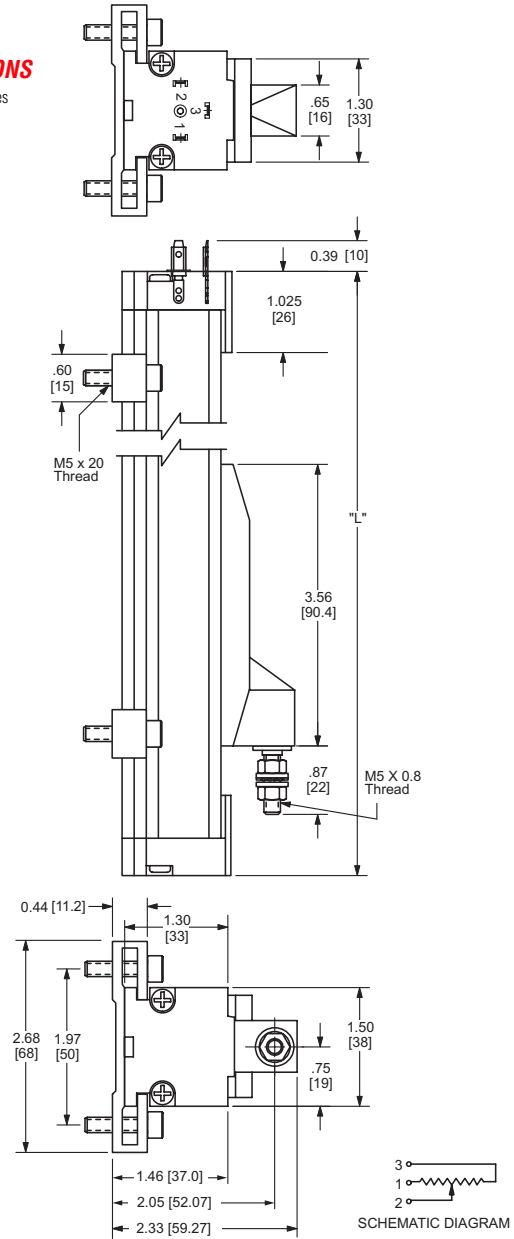
Theoretical Electrical Travel	4.0 to 50 in. (101.6 to 1270 mm)
Independent Linearity	0.1% from 0 to 100% of Theoretical Electrical Travel
Total Resistance	See How To Order
Resistance Tolerance	±20%
Insulation Resistance	1000 M Ohms @ 500 Vdc
Dielectric Strength	1000 Vrms
Operating Temperature	-65° to 105°C (-85° to 221°F)
Resolution	Infinite
Max Applied Voltage	75.0 Vdc
Recommended Wiper Current	<1 µA
Electrical Connection	DIN 43650 Connector or equivalent

Caution: Do not test on an Ohm Meter on the Rx 1 scale or other current devices.
Caution: Excessive Wiper Current can cause Output errors or damage.
Caution: Zero shaft side load is recommended to achieve maximum life.

Model	Body Length 'L' in inches	Model	Body Length 'L' in inches
DR04	9.84	DR18	23.82
DR05	11.02	DR20	25.83
DR06	11.81	DR24	29.84
DR08	13.86	DR30	35.83
DR09	14.80	DR36	41.83
DR12	17.80	DR40	45.83
DR14	20.24	DR50	55.83
DR16	21.81		

DIMENSIONS

xx.xx = inches
(xx.x) = mm



WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace without charge those items it finds defective. The foregoing is Buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

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Honeywell

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