

PT5600

Cable Actuated Sensor Industrial Grade • Cable Reel

Absolute Linear Position to 250 inches (6350 mm)

Hard Anodized Aluminum Enclosure

Converts Virtually Any Encoder to a Linear Position Sensor

Available With or Without Encoder

General

Full Stroke Range	0-50 to 0-250 inches
Motion Conversion Ratio	8 inches per turn, see ordering information
Accuracy	the lesser of 0.02% full stroke or 0.04% of measurement range
Measuring Cable	stainless steel or thermoplastic
Module Material	hard anodized aluminum
Weight	5 lbs., max

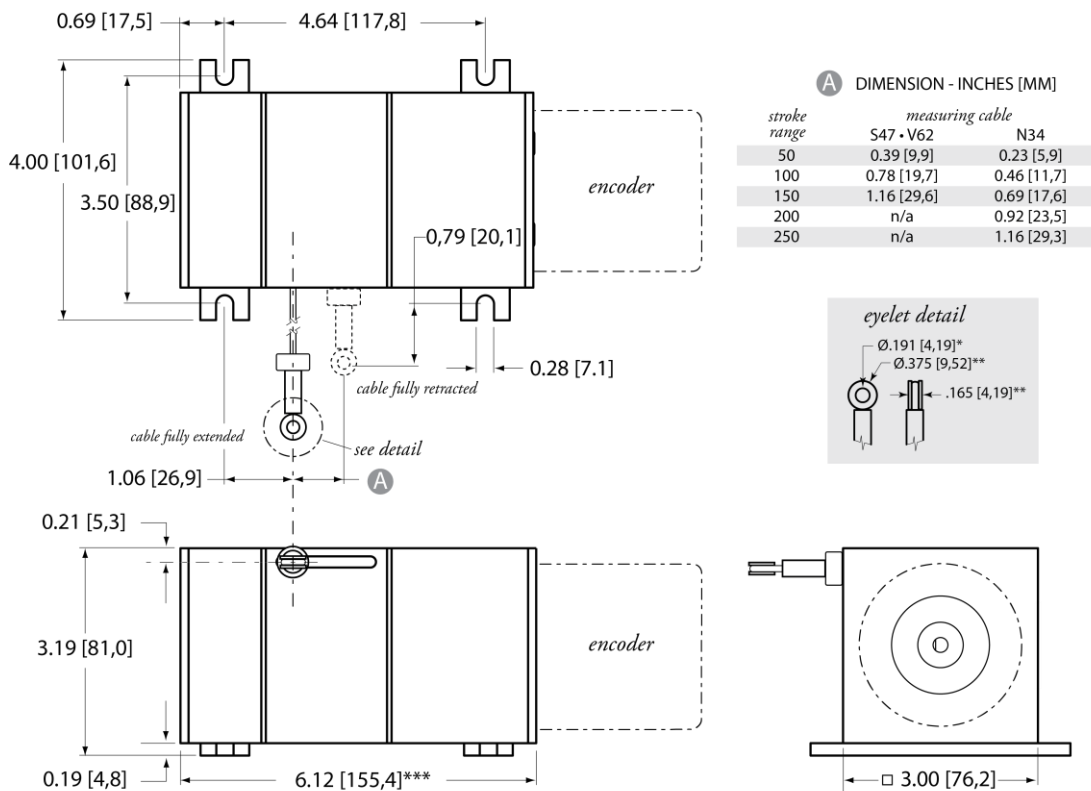
Environmental

Operating Temperature	-40° to 200°F (-40° to 90°C)
------------------------------	---------------------------------

당사의 고유 한 선형-회전형, 산업용 등급의 스트링 인코더 모듈은 거의 모든 인코더와 결합하여 고객의 요구 사항에 정확히 맞는 비용 효율적인 선형 위치 측정 솔루션을 제공합니다. PT5600은 설치하는 데 몇 분 밖에 걸리지 않으며 좁은 공간에 쉽게 장착할 수 있으며 완벽한 평행 정렬이 필요하지 않으며 정기적인 조정없이 안정적이고 정확한 위치 측정을 제공합니다.

고해상도 또는 애플루트 인코더 요구 사항에 대해 PT5600은 최고의 유연성을 제공합니다. 주문하려면 측정 범위와 인코더 장착 스타일을 선택하기 만하면됩니다. 아주 쉽습니다! 필요한 모든 인코더 장착 도구와 부착 하드웨어도 제공합니다. 인코더 장착 스타일을 찾을 수 없거나 인코더 제공을 원하는 경우 전화 해주세요.

Outline Drawing



DIMENSIONS ARE IN INCHES [MM]

tolerances are ± 0.02 in. [$\pm 0,5$ mm] unless otherwise notednote: *tolerance = $+0.005 -0.001$ [$+0,13 -0,03$]**tolerance = $+0.005 -0.005$ [$+0,13 -0,13$]

***Overall dimension may vary depending on encoder configuration

Ordering Information

Model Number:

PT5600 - _____

order code: **R** **A** **B** **C**

Sample Model Number:

PT5600 - 100 - N34 - FR - F01

R range: 100 inches
A measuring cable: .034 nylon-coated stainless
B cable exit: front
C rotational sensor mounting style: F01 (2.5-in. sq. flange)

» Trying to reorder but can't find your existing model number? Please contact factory for help.

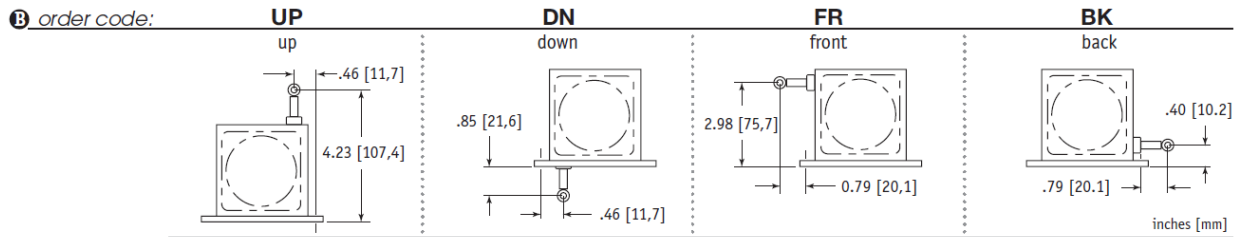
Full Stroke Range:

R order code:	50	100	150	200	250
full stroke range, min:	50 in.	100 in.	150 in.	200 in.	250 in.
cable tension ($\pm 20\%$):	41 ounces	41 ounces	41 ounces	21 ounces	21 ounces

Measuring Cable:

A order code:	N34	S47	V62
	.034 nylon-coated stainless steel available in all ranges	.047 stainless steel all ranges up to 150 inches	.062 thermoplastic all ranges up to 150 inches
	Ø.190 in. (4,83 mm) thru	Ø.190 in. (4,83 mm) thru	Ø.190 in. (4,83 mm) thru
	0.034 in. (0,86 mm) dia.	0.047 in. (1,19 mm) dia.	0.062 in. (1,57 mm) dia.
	0.170 in. (4,32 mm)	0.170 in. (4,32 mm)	0.170 in. (4,32 mm)

Cable Exit:



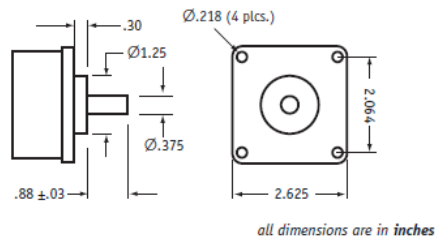
Rotational Sensor Mounting Style:

C order code:

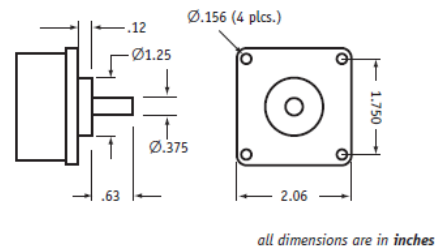
F01	F02	S01	S02	S04
2.5-in. Flange Mount 3/8-inch shaft	2-in. Flange Mount 3/8-inch shaft	Face-Mount 6 mm shaft M4 mounting screws	Face-Mount 10 mm shaft M4 mounting screws	Face-Mount 10 mm shaft M3 mounting screws

Note: If you don't see your encoder style, please contact factory. All encoder types supported.

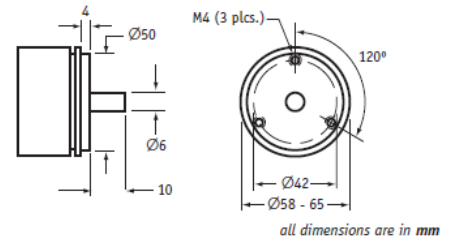
F01 - 2½-inch Sq. Flange Mount (3/8-inch shaft)



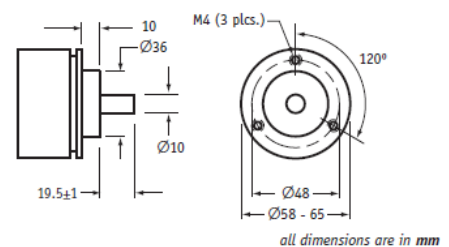
F02 - 2-inch Sq. Flange Mount (3/8-inch shaft)



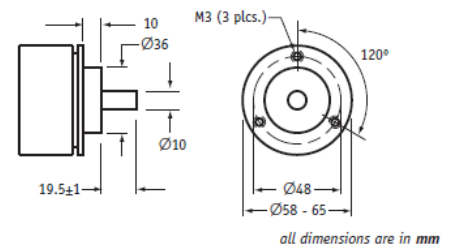
S01 - Face-Mount (6mm shaft/M4 screws)



S02 - Face-Mount (10mm shaft/M4 screws)



S04 - Face-Mount (10mm shaft/M3 screws)



NORTH AMERICA

Measurement Specialties, Inc.,
a TE Connectivity company
20630 Plummer Street
Chatsworth, CA 91311
Tel +1 800 423 5483
Tel +1 818 701 2750
Fax +1 818 701 2799
info@celesco.com

TE.com/sensorsolutions

Measurement Specialties, Inc., a TE Connectivity company.

Measurement Specialties, TE Connectivity, TE Connectivity (logo) and EVERY CONNECTION COUNTS are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2015 TE Connectivity Ltd. family of companies All Rights Reserved.

PT5600 12/01/2015