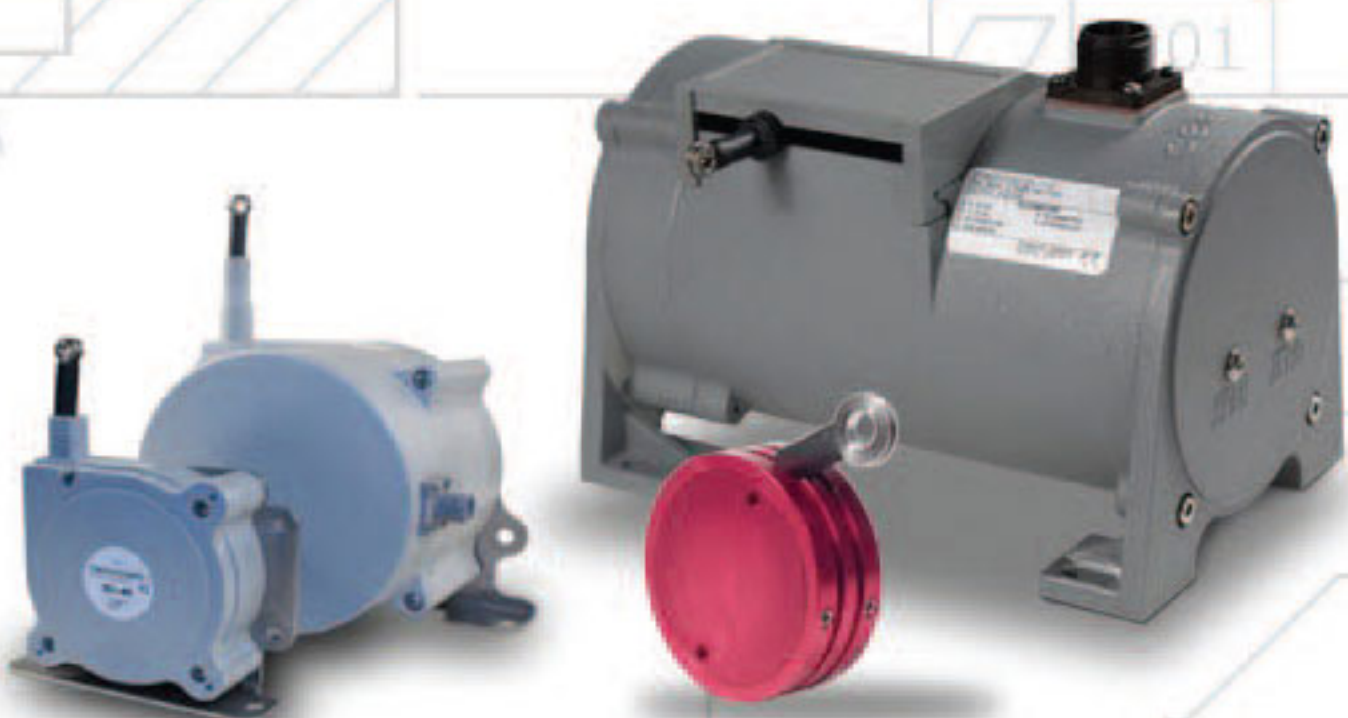


measurement
SPECIALTIES™

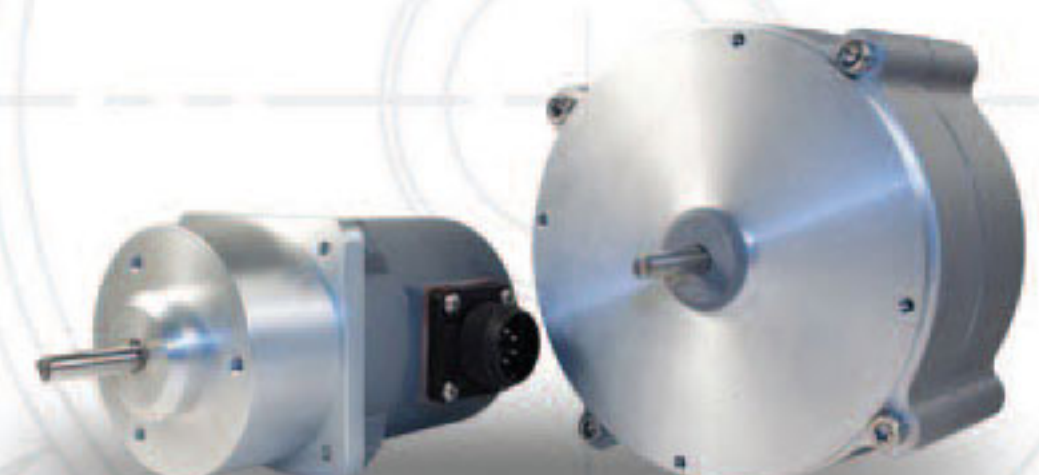
CABLE-ACTUATED POSITION SENSORS



STRING POTS



LINEAR POTS



ROTARY SENSORS

M150 / MTA

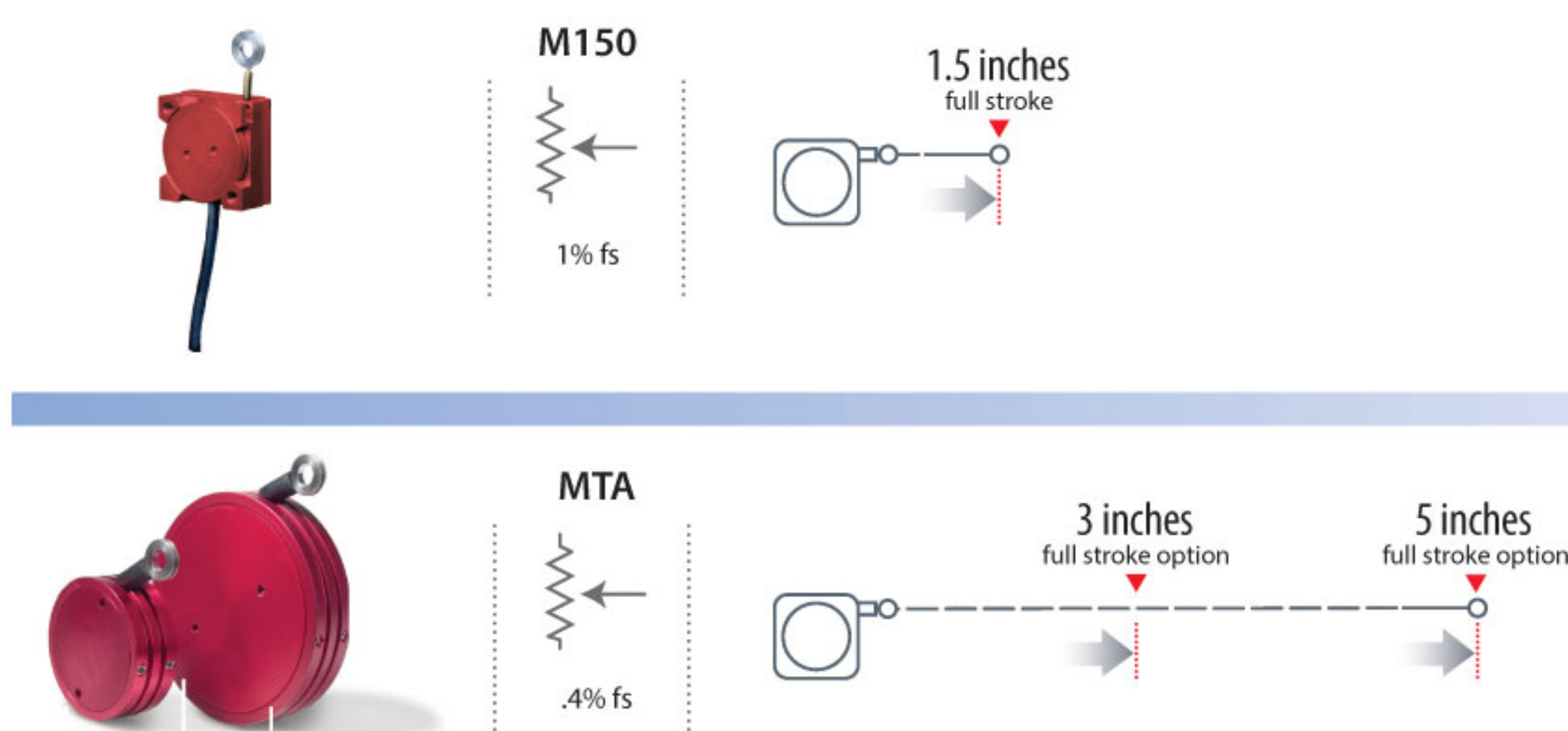
Test and Instrumentation

Perfect for short-stroke testing applications

M150 designed for ultra-small spaces

MTA circular design for infinite cable directions

High-Cycle Life



MT2 / MT3

Test and Instrumentation

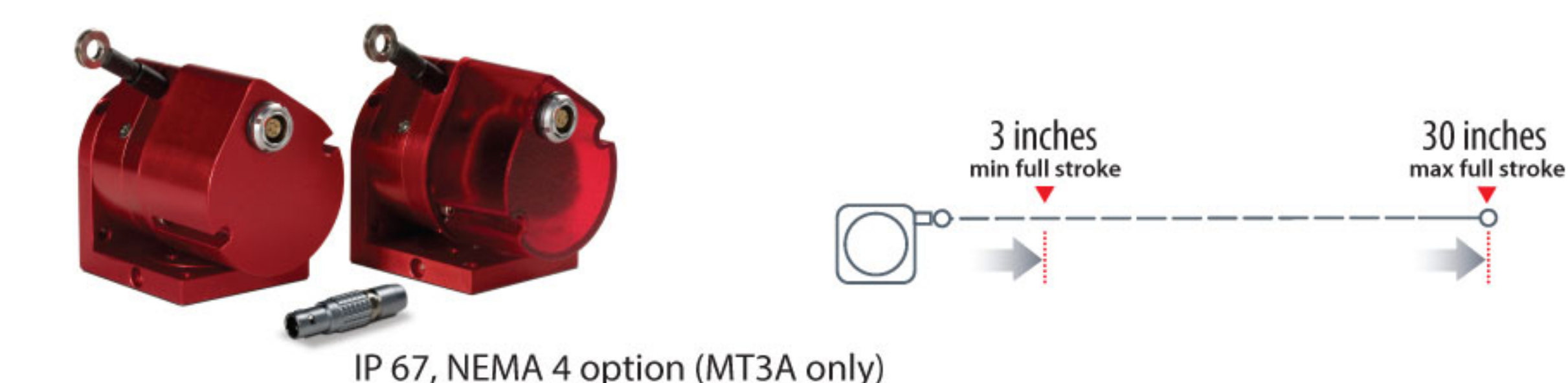
Short to Medium Stroke Applications

High Acceleration - Flight/ Crash Testing

GAM Certification

Dual Axis 360° Mounting Bracket

MT3A Designed for Wet Test Environments



Linear Potentiometers

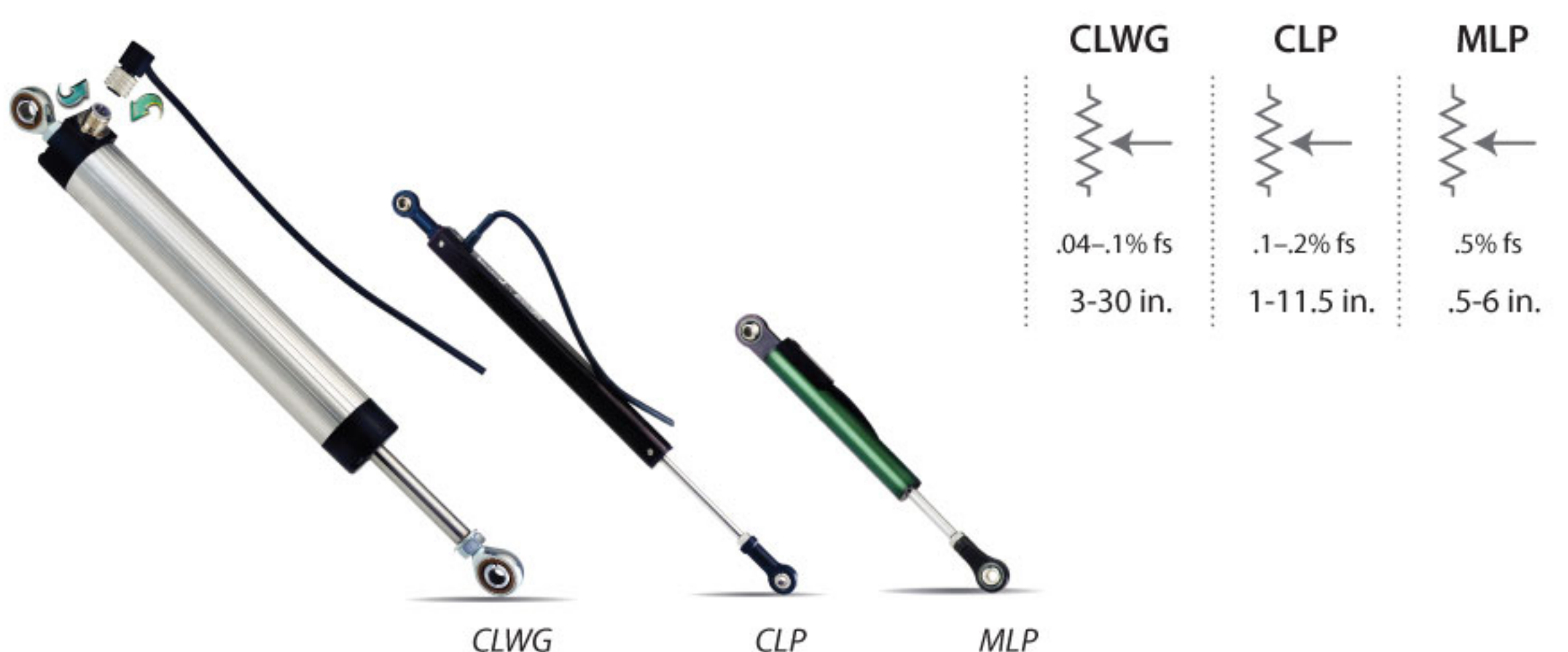
Test & Industrial **In Stock!**

CLWG - high cycle, factory automation

CLP - favored for auto-sport instrumentation

MLP - extended temp range

IP67 • NEMA 6 Protection



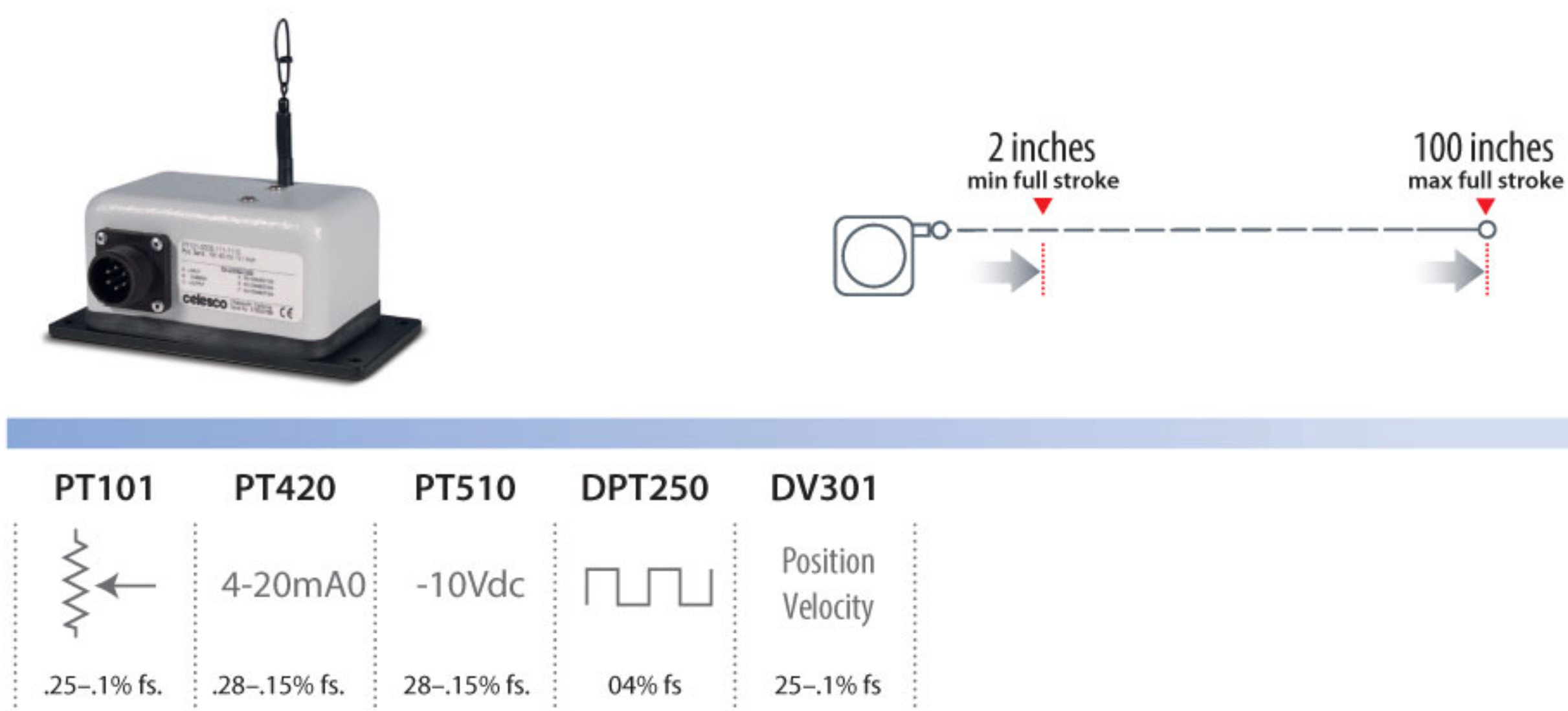
PT100

Industrial & Test Applications

Short to Medium Stroke Applications

Industry Standard Output Signals

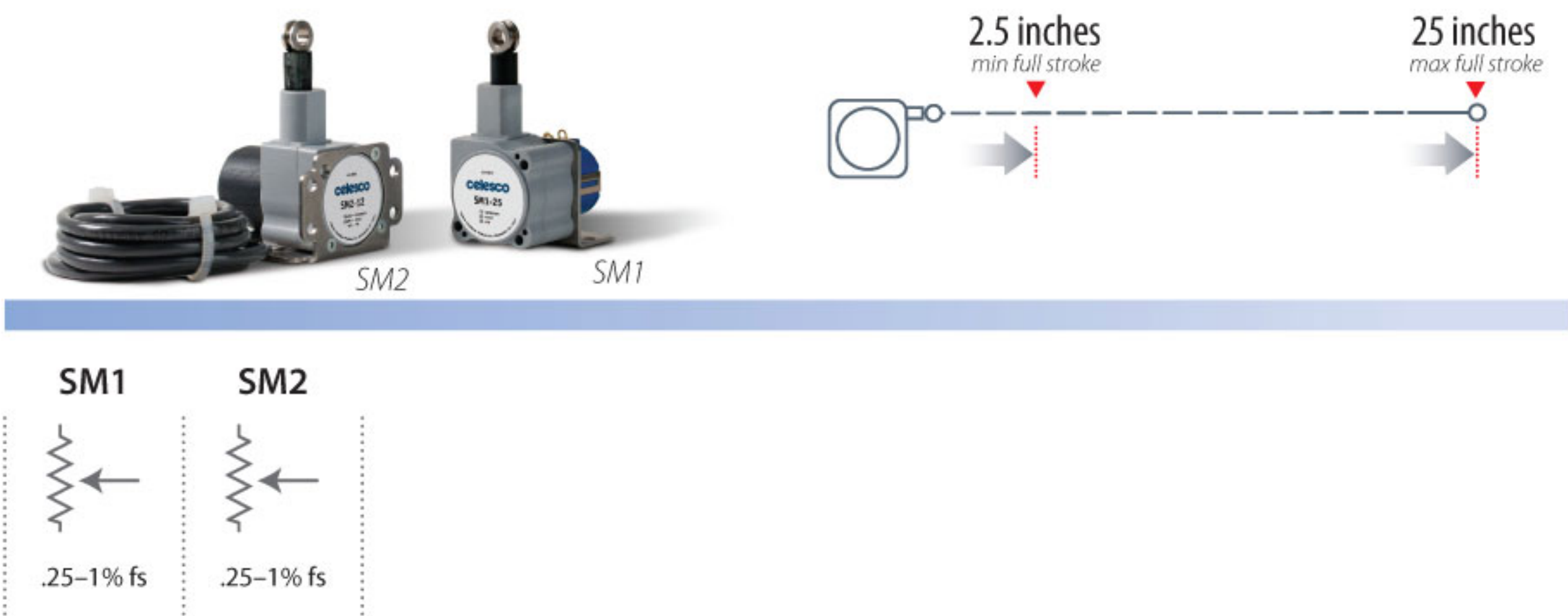
High Cycle, Classic "Stringpot" Design



SM

OEM/End-User Applications **In Stock!**

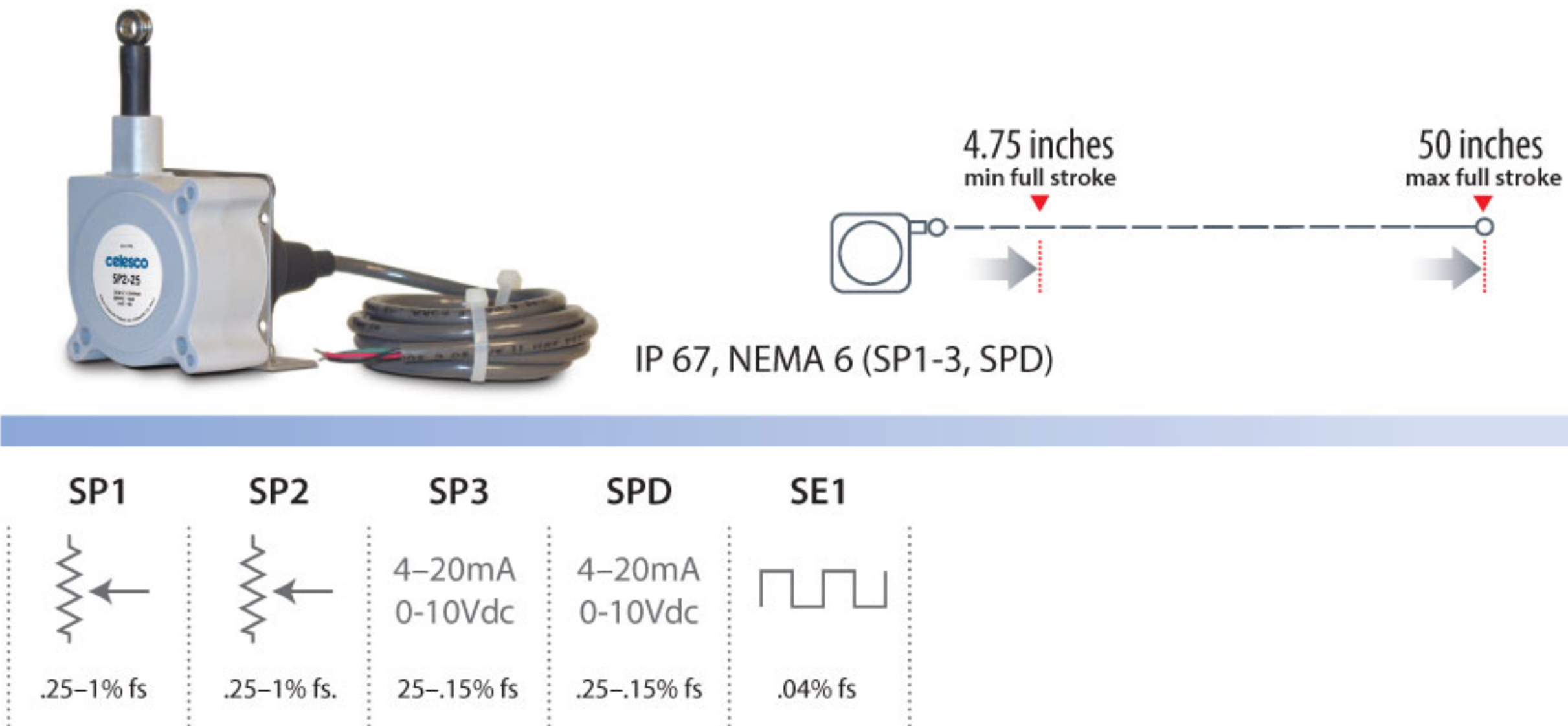
- Ultra-compact design for tight spaces
- Priced for OEM and single piece user
- Rugged polycarbonate body
- Versatile stainless steel bracket
- High-cycle potentiometer



SP

OEM/End-User Applications **In Stock!**

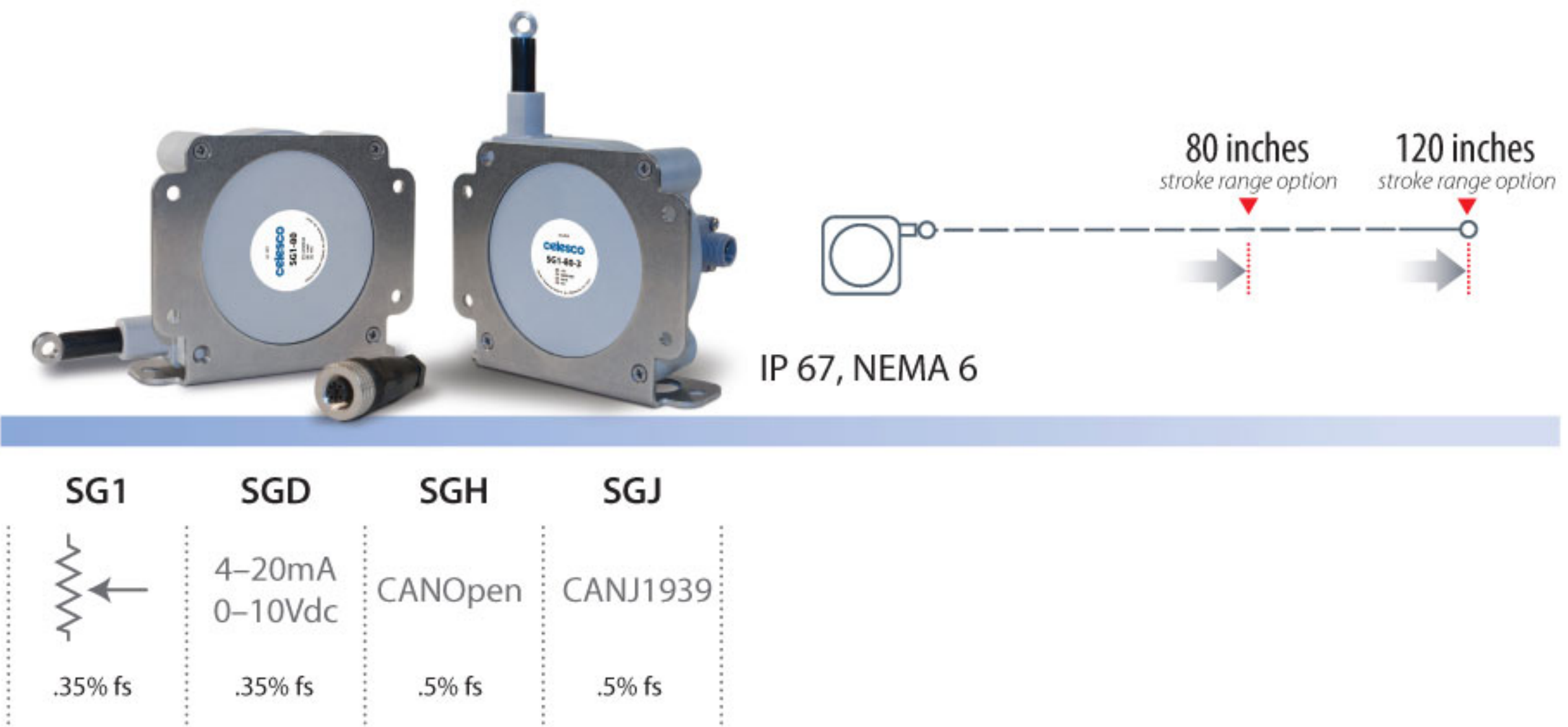
- Economical, high-value stringpot
- Compact design, polycarbonate body
- Stainless steel mounting bracket
- Free-release tolerant cable
- IP67, NEMA 6 Protection



SG

OEM/End-User Applications **In Stock!**

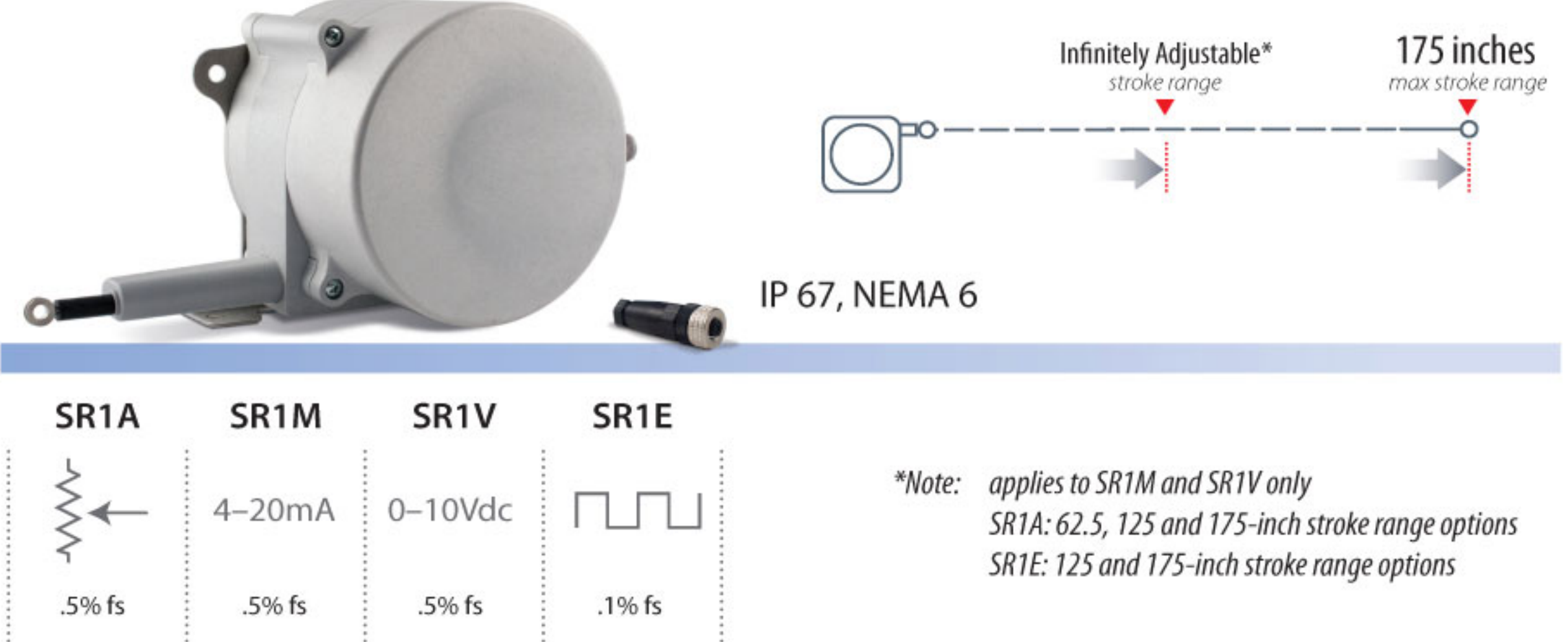
- Medium Stroke Applications
- Perfect choice for OEMs.
- Designed to fit into tight spaces
- IP67, NEMA 6 Protection



SR

OEM/End-User Applications **In Stock!**

- Designed for outdoor mobile construction
- Polycarbonate enclosure, M12 connectivity
- Versatile stainless steel mounting bracket
- Easy push button 'zero' & 'span' (SR1M, SR1V)
- IP67, NEMA 6 Protection



*Note: applies to SR1M and SR1V only
SR1A: 62.5, 125 and 175-inch stroke range options
SR1E: 125 and 175-inch stroke range options

PT1

Industrial Grade

Short to medium stroke applications
Compact design, fits in tight spaces
Factory environment - IP65, NEMA 4
Measuring cable exit direction options
Aluminum/ABS plastic enclosure



IP 65 • NEMA 4



PT1A	PT1MA	PT1DC	PT1E	PT1DN	PT1232
	4-20mA	0-10Vdc		DeviceNET	RS232
.25-.1% fs	.28-.15% fs	.28-.15% fs	.04% fs	.25-.1% fs	.25-.1% fs

PT5

Industrial Grade

Medium stroke applications
Hard anodized aluminum enclosure
Cable exit direction options
Indoor factory environments or outdoors
IP67, NEMA 6 Protection



IP 65, 67 • NEMA 4, 6



PT5A	PT5MA	PT5DC	PT5E	PT5AV	PT5CN	PT5DN	PT5232	PT5600
	4-20mA	0-10Vdc		Position Velocity	CANJ1939	DeviceNET	RS232	Cable Reel
.18-.75% fs	.18-.75% fs	.18-.75% fs	.04-.1% fs	.18-.75% fs	.18-.75% fs	.18-.75% fs	.18-.75% fs	.04% fs

PT8000

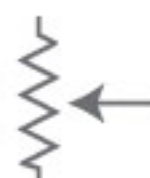
Heavy Industrial

Short to medium stroke applications
Indoor factory environments or outdoors
High tension option for high acceleration
Powder painted aluminum or stainless steel
VLS option to prevent free release damage
IP68, NEMA 6 Protection, Submersible



IP 67, 68 • NEMA 4, 4x, 6



PT8101	PT8420	PT8510	PT8150	PT8232	PT8301	PT8CN	PT8DN	PT8600
	4-20mA 	0-10Vdc		RS232	Position Velocity	CANJ1939	DeviceNET	Cable Reel
.25-.1% fs	.28-.15% fs	.28-.15% fs	.04% fs	.25-.1% fs	.25-.1% fs	.25-.1% fs	.25-.1% fs	.04% fs

PT9000

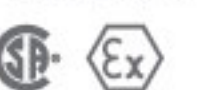
Heavy Industrial

Medium to long stroke applications
Factory environments or outdoors
Powder-painted aluminum or stainless steel
VLS option to prevent free release damage
RBS option for extremely dirty environments
IP68, NEMA 6 Protection, Submersible



IP 67, 68 • NEMA 4, 4x, 6



PT9101	PT9420	PT9510	PT9150	PT9232	PT9301	PT9CN	PT9DN	PT9600
	4-20mA 	0-10Vdc		RS232	Position Velocity	CANJ1939	DeviceNET	Cable Reel
.1% fs	.12% fs	.12% fs	.04% fs	.1% fs	.1% fs	.1% fs	.1% fs	.04% fs

PT9000 (Extended Range)

Heavy Industrial

Long stroke applications
Factory environments or outdoors
Powder painted aluminum or stainless steel
VLS option to prevent free-release damage
RBS option for extremely dirty environments
IP68, NEMA 6 Protection



IP 67, 68 • NEMA 4, 4x, 6



PT9101	PT9420	PT9510	PT9150	PT9232	PT9301	PT9CN	PTDN	PT9600
	4-20mA 	0-10Vdc		RS232	Position Velocity	CANJ1939	DeviceNET	Cable Reel
.1% fs	.12% fs	.12% fs	.04% fs	.1% fs	.1% fs	.1% fs	.1% fs	.04% fs

VLS8000/9000

Velocity Limiting System

Prevents cable from ever reaching damaging velocity during a free-release. Ideal for applications requiring frequent connecting and disconnecting and provides safer operation for mobile applications.
The VLS option provides “low cost insurance” against any internal damage caused by cable failure.

RBS8000/9000

Redundant Brush System

The RBS option offers extra protection against extraordinarily dirty environments by reducing the cable-exit opening down to a single point to prevent excess debris from entering the spool cavity.
RBS option uses two sets of cable brushes to help clean the measuring cable before it is retracted into the enclosure.

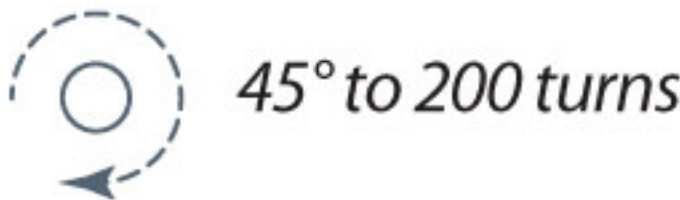
RT8000

Heavy Industrial

Absolute position
1/8 to 200 turns • high cycle potentiometer
Indoor or outdoor applications
Aluminum or stainless steel enclosure
IP68, NEMA 6 Protection



IP 67, 68 • NEMA 4, 4x, 6



RT8101	RT8420	RT8510	RT8CN	RT8DN
	4-20mA	0-10Vdc	CANJ1939	DeviceNET
.15-1.25% fs	.15-1.25% fs	.15-1.25% fs	.15-1.25% fs	.15-1.25% fs

RT9000

Heavy Industrial

Absolute position
1/4 to 50 turns • high cycle potentiometer
Indoor or outdoor applications
Aluminum or stainless steel enclosure
IP68, NEMA 6P, hazardous area (4-20mA)



IP 67, 68 • NEMA 4, 4x, 6



RT9101	RT9420	RT9510	RT9CN	RT9DN
	4-20mA 	0-10Vdc	CANJ1939	DeviceNET
.15-.3% fs	.15-.3% fs	.15-.3% fs	.15-.3% fs	.15-.3% fs



我们的传感器通常都用于其应用设备的最关键部位。因而，我们的客户倚仗于MEAS，和MEAS传感器的每一次精确测量。在精量电子，我们从设计，生产，到客户反馈的每一个细节都用最高的品质标准要求自己，我们所有的产品都有行业领先的品质认证做保障。

MEAS 传感器全球总部：
Measurement Specialties, Inc.
1000 Lucas Way
Hampton, VA 23666
+1 757 766 1500

MEAS 传感器欧洲总部：
MEAS Europe
Impasse Jeanne Benozzi CS 83163
31027 Toulouse Cedex 3
+33 582 082 200

MEAS传感器中国代理：
北京赛斯维测控技术有限公司
北京市朝阳区望京西路48号
金隅国际D座302
邮编：100102
电话：+86 10 84775646 84775648
传真：+86 10 58949029

www.sensorway.cn
sales@sensorway.cn
NASDAQ: MEAS

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- ◆ **ESCC266E**
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- ◆ **NSF-61 Water Quality**
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