

# Digital Position Transmitter (With HART Communication)

# SSPT



*HART-enabled digital position transmitter for precise position measurements and feedback with optimized auto-calibration program*

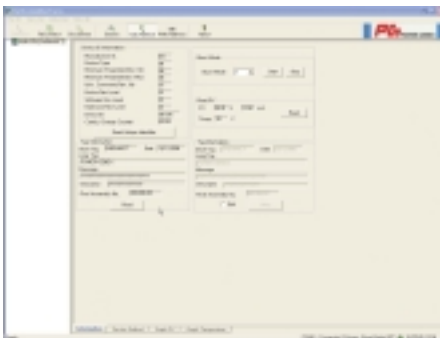
### Features

- ▶ Precise linearity with 0.2% F.S.
- ▶ Position calibration via local adjustment or remote calibration via hand-held terminal
- ▶ LCD indicator inside
- ▶ Diagnostics and configuration via HART communication
- ▶ Optional HART communication
- ▶ Optional 2 x alarm limit
- ▶ Applicable for machines, ship-building and power plant turbines

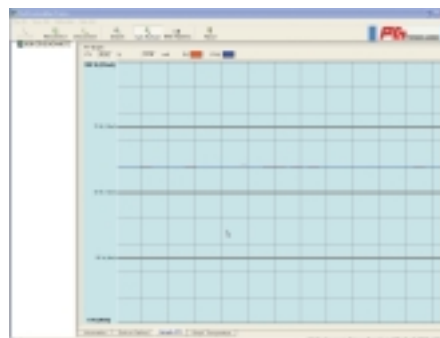
### Specifications

Model	SSPT
Travel	Linear motion : 10 - 100m Rotary motion : 15° - 120° rotation angle
Current Output Signal	2-wire, 4 - 20 mA with superimposed digital communication (optional HART protocol)
Reverse polarity protection	12 - 45VDC
Indicator	4 - digit LCD indicator
Protection Class	Weatherproof (IP65), intrinsically safe
Zero and Span Adjustments	Local adjustment or digital communication
Temperature Limits	Ambient : -20°C - +85°C Digital display : -10°C - +80°C
Update Time	Approx. 2ms
Humidity Limits	0 - 100% RH
Output Action	Direct or reverse
Linearity	Within $\pm 0.2\%$
Hysteresis	Within 0.2%
Sensitivity	Within $\pm 0.2\%$
Repeatability	Within 0.5%
Resolution	Within 0.1%
Electrical Connections	M20
Weight	2.5 kg

### Power-Genex HART Master Software



< Device Information >



< Feedback Graph >

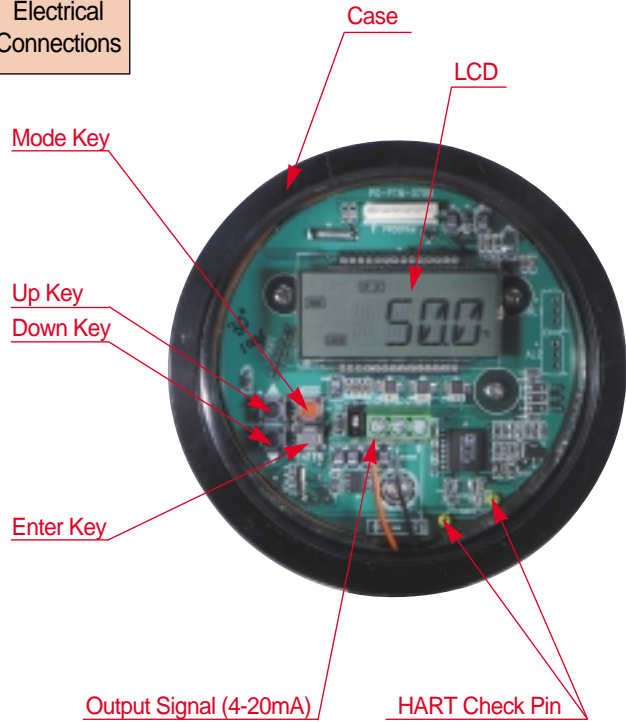
## How to Order

## Board View

# SSPT

Protection Class	HART Communication	Alarm Limits	Electrical Connections
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Description	Code
<b>Protection Class :</b>	I : Intrinsic safety (Ex ia IIC T6) W : Weatherproof to IP65
<b>HART Communication :</b>	H : HART communication N : None
<b>Alarm Limits :</b>	L : 2 x alarm limit N : None
<b>Electrical Connections :</b>	1 : M20 x 1.5



## Dimensions

