

**Product Feature Matrix – Valve Positioners, intelligent**

The intelligent positioners are designed to operate pneumatic valve actuators and can be operated from control systems, controllers or PC-based configuration- and operation tools. They are used to reduce the adverse effects of valve friction, for higher thrust and shorter positioning time. The positioners are available with different communication protocols. The multi-lingual full text graphical-LCD, in conjunction with the push buttons, allows a comfortable and easy local configuration and operation. They are approved for installations in contact with explosive atmospheres.

**Selection Guide**

HART, Foundation Fieldbus H1, Profibus PA	Yes	Yes
4 to 20 mA / no communication	Yes	
Advanced Diagnostic (AD)	Yes	Yes
Premium Diagnostic (PD) with valve footprint	Yes	Yes
LCD multi language	Yes	
Backlit LCD multi language		Yes
Electrical Certification Intrinsically safe	Yes	
Electrical Certification Explosion Proof		Yes
Stainless Steel housing as option	Yes	
Limit Switches as option	Yes	Yes
Position Feedback 4 to 20 mA as option	Yes	Yes
Limit Switches together with Position feedback 4 to 20 mA as option	Yes	
Protection Class IP 66, NEMA 4X	Yes	Yes
<b>Your Solution:</b>	<a href="#">SRD991</a>	<a href="#">SRD960</a>



**For all positioners:**

- Mounting onto any actuator (linear or rotary) with a wide range of available attachment kits
- Single or double acting versions
- SIL3 certification
- Easy setting
- Supply air pressure up to 6 bar (90 psig) and 7 bar (105 psig)
- Low vibration effects in all directions

smart

# Product Feature Matrix – Valve Positioners, electro pneumatic

The Valve Positioners with analog input are designed to operate pneumatic valve actuators from control systems and electrical controllers. They are used to reduce the adverse effects of valve friction, for higher thrust and shorter positioning time. They are approved for installations in contact with explosive atmospheres.

## Selection Guide

Entry 4 to 20 mA	Yes	Yes	Yes
Entry 0 to 20 mA		Yes	Yes
Entry 0 to 10 V		Yes	
Electrical Certification Intrinsically safe	Yes	Yes	
Electrical Certification Explosion Proof			Yes
Stainless Steel housing as option	Yes		
Limit Switches as option	Yes	Yes	
Position Feedback 4 to 20 mA as option	Yes	Yes	
Limit Switches together with Position feedback 4 to 20 mA as option	Yes		
Protection Class IP 54		Yes	Yes
Protection Class IP 65		Yes (option)	Yes (option)
Protection Class IP 66, NEMA 4X	Yes		
SIL 3 Certification	Yes		
<b>Your Solution:</b>	<a href="#">SRI990</a>	<a href="#">SRI986</a>	<a href="#">SRI983</a>



### For all positioners:

- Mounting onto any actuator (linear or rotary) with a wide range of available attachment kits
- Single or double acting versions
- Easy setting
- Supply air pressure up to 6 bar (90 psig)
- Low vibration effects in all directions

# E-P

# Product Feature Matrix – Valve Positioners, pneumatic

The Pneumatic Positioners SRP981 with pneumatic input 0.2-1 bar are designed to operate pneumatic valve actuators and are available in the version ATEX-constructive safety and in connection with the accessories in EEx ia / intrinsic safety. They are used to reduce the adverse effects of valve friction, for higher thrust and shorter positioning time. They are approved for installations in contact with explosive atmospheres.

## Selection Guide

Entry 0.2 to 1 bar / 3 to 15 psi	Yes
ATEX Safety constructive design	Yes
Stainless Steel housing as option	Yes
Electrical Certification (of electrical options) Intrinsically safe	Yes
Limit Switches as option	Yes
Position Feedback 4 to 20 mA as option	Yes
Protection Class IP 54	Yes
Protection Class IP 65	Yes (option)
<b>Your Solution:</b>	<a href="#">SRP981</a>



### For all positioners:

- Mounting onto any actuator (linear or rotary) with a wide range of available attachment kits
- Single or double acting versions
- Easy setting
- Supply air pressure up to 6 bar (90 psig)
- Low vibration effects in all directions

P-P

# Product Feature Matrix – Position Transmitters and Limit switches

A Position Transmitter converts the linear or rotary movement of a valve / actuator into a 4 to 20 mA standard electrical signal, or into a 0.2 to 1 bar pneumatic signal.

A Limit Switch serves as an end position indication for valves / actuators and can be mounted to stroke actuators or rotary actuators. The switching elements are inductive sensors or micro switches.

## Selection Guide

Position Feedback 4 to 20 mA		Yes		Yes	Yes
Pneumatic Position Feedback 0.2 to 1 bar (3 to 15 psi)	Yes				
Limit Switches (all types)			Yes	Yes	Yes
Limit Switches together with Position feedback 4 to 20 mA				Yes	
Stainless Steel housing as option	Yes			Yes	
Electrical Certification Intrinsically safe		Yes	Yes	Yes	
Electrical Certification Explosion Proof					Yes
ATEX Safety constructive design	Yes				
Protection Class IP54	Yes				
Protection Class IP65	Yes (option)	Yes	Yes		
Protection Class IP66, NEMA 4X				Yes	Yes
<b>Your Solution:</b>	<a href="#">SMP981</a>	<a href="#">SMI983</a>	<a href="#">SGE985</a>	<a href="#">SRI990-T</a>	<a href="#">SRD960-T</a>



### For all positioners:

- Mounting onto any actuator (linear or rotary) with a wide range of available attachment kits
- Easy setting
- Low vibration effects in all directions

# Pos-Tx