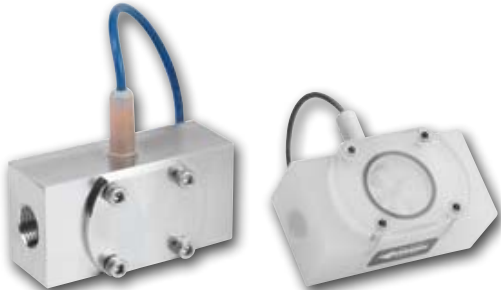


SPX, SPT & SES series Pelton wheel flowmeter

The SPX/SPT/SES single jet meter provides accurate, wide range flow metering in an extremely rugged stainless steel package. Single jet simplicity combined with high quality jewel bearings results in long life and relatively high tolerance for problem fluids. Typical applications are chemical batching, proportional chemical injection, fertiliser injection, proportioning of spray chemicals, and general flow rate monitoring.



SES Model

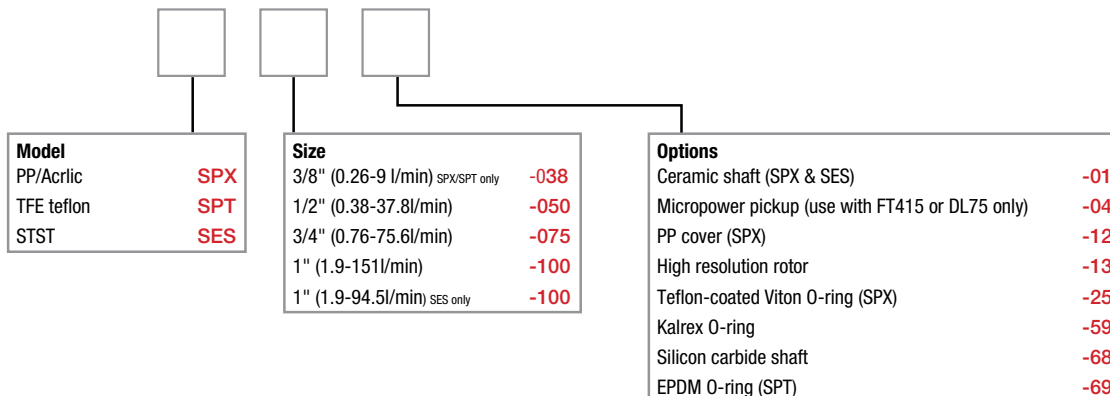
SPX / SPT Model

- Ruby bearings for long life
- Completely non-metallic option (SPX & SPT units)
- Pressure rating up to 35 Bar (StSt SES unit)
- Optional sight glass cover (SPX & SPT units)

Technical Information

	SPX	SPT	SES
<b>Connection Ports</b>	3/8", 1/2", 3/4", 1", Female NPT thread (SAE optional)	3/8", 1/2", 3/4", 1", Female NPT thread (SAE optional)	1/2", 3/4", 1", Female NPT thread (SAE optional)
<b>Sensor cable</b>	standard (Maximum cable run 2000 ft.)	standard (Maximum cable run 2000 ft.)	standard (Maximum cable run 2000 ft.)
<b>Materials</b>			
<b>Body</b>	Polypropylene	PTFE Teflon	316 stainless steel
<b>Rotor</b>	PVDF	PVDF	PVDF
<b>Shaft</b>	Nickel tungsten carbide (zirconia ceramic optional)	Zirconia ceramic (silicon carbide optional)	Nickel tungsten carbide (zirconia ceramic optional)
<b>O-ring</b>	EPDM (Kalrez or Teflon-coated Viton optional)	Teflon-coated Viton (EPDM or Kalrez optional)	Teflon-coated Viton (EPDM or Kalrez optional)
<b>Bearings</b>	Ruby ring and ball	Ruby ring and ball	Ruby ring and ball
<b>Cover</b>	Acrylic (Polypropylene optional)	PTFE Teflon	316 stainless steel
<b>Maximum temperature</b>	70° C	70° C	93° C
<b>Maximum pressure</b>	10 bar	10 bar	35 bar
<b>Accuracy</b>	+1% of full scale	+1% of full scale	+1% of full scale
<b>Power</b>	5-24 Vdc, 2 mA min	5-24 Vdc, 2 mA min	5-24 Vdc, 2 mA min
<b>Outputs</b>	Current sinking pulse, 6-24 Vdc	Current sinking pulse, 6-24 Vdc	Current sinking pulse, 6-24 Vdc
<b>Regulatory</b>	CE Mark (Standard Power Only)	CE Mark (Standard Power Only)	CE Mark (Standard Power Only)

Options & Ordering Information



Recommended Instruments: FBT11, FRT12, FEB10