



AP-15SK  
Sensor Head, Positive-pressure Type, 20 MPa



\*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		AP-15SK
Type		Positive (High) Sensor Head
Rated pressure		0 to 2900 PSI
Fluid type		Gases and liquids compatible with 304 and 630 stainless steel
Type of pressure		Gauge pressure
Repeatability		0.5 % of F.S. max.
Connection port		1/4 NPT (with a throttle)
Environmental resistance	Enclosure rating	IP67
	Pressure resistance	5800 PSI
	Ambient temperature	-20 to +100°C ( -4 to 212°F ), No condensation*1
	Relative humidity	35 to 85%, No condensation
	Vibration resistance	10 to 55 Hz, 1.5 mm 0.06" double amplitude in X, Y, and Z directions, 3 hours respectively
	Shock resistance	500 m/s <sup>2</sup> in X, Y, and Z directions 10 times respectively (60 times in total)
Material		Diaphragm pressure port: TYPE S17400 stainless steel, Pressure port: 304 stainless steel, Throttle: 304 stainless steel (AP-14SK/15SK/16SK only)
Accessories		Sensor head connector: 1
Weight		Approx. 130 g

\*1 The cable is resistant to temperatures between -20 and 80°C ( -4 and 176°F ).

\* Download CAD file or product manual for larger image/text and more detail.

Technical drawing of the cable assembly showing three views: a top view of the throttle, a side view of the main assembly, and a detail view of the cable end. Dimensions are provided in inches and millimeters.

**Top View (Left):**

- Throttle  $\varnothing 0.7$
- Overall diameter:  $\varnothing 0.75"$  ( $\varnothing 19$ )
- Inner diameter:  $\varnothing 0.28"$
- Radius:  $0.67"$
- Width:  $0.35"$  ( $9$ )

**Side View (Middle):**

- Overall length:  $(75)$  ( $2.95"$ )
- Section 1:  $14$  ( $0.55"$ )
- Section 2:  $70.28"$
- Section 3:  $(18.5)$  ( $0.73"$ )
- Section 4:  $(12)$  ( $0.47"$ )
- Thread:  $\varnothing 25$  ( $\varnothing 0.98"$ )
- Thread:  $\varnothing 20$  ( $\varnothing 0.79"$ )
- Connection: NPT1/4

**Cable Detail (Right):**

- Cable length:  $9.8'$  ( $3\text{m}$ )
- Cable diameter:  $\varnothing 4.3$  ( $3 \times 0.18\text{mm}^2$ )
- End diameter:  $\varnothing 0.17$
- End width:  $26.9$  ( $1.06"$ )
- End height:  $0.66"$
- End diameter:  $\varnothing 0.34"$