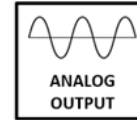




## GENERAL SPECIFICATIONS

- RMS output option
- 4–20 mA analog output proportional to velocity
- Suitable for harsh environmental conditions
- IP67 high protection rating
- Long operational life
- Compact design
- High accuracy

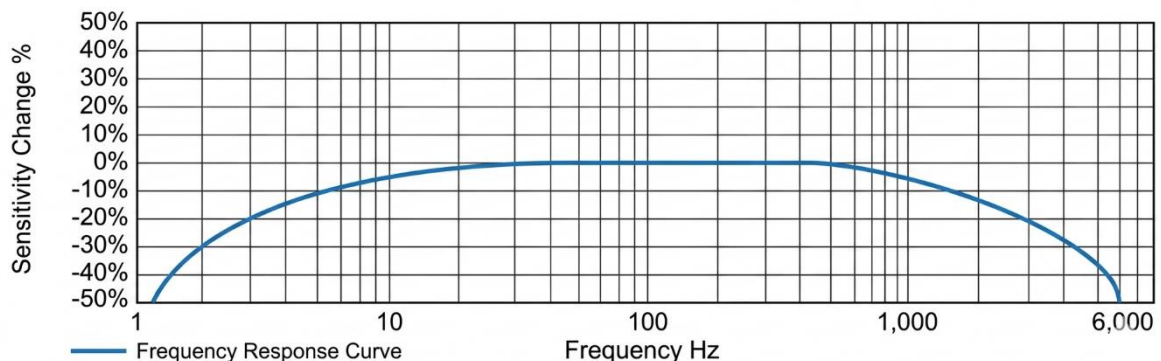


ATS 10 Series sensors provide a 4–20 mA output proportional to vibration velocity, enabling continuous monitoring of overall machine vibration levels. This data informs users of changes in machine condition and supports the prioritization of maintenance activities. The RMS output option allows selection of the most suitable sensor for specific application requirements.

## TECHNICAL SPECIFICATIONS

<b>Analog Output</b>	4–20 mA (proportional to velocity)
<b>Supply Voltage</b>	15...30 VDC
<b>Mounted Base Resonance</b>	Min. 5kHz
<b>Velocity Ranges</b>	0-10, 0-20, 0-25, 0-50, 0-100 mm/s
<b>Sensor Type</b>	PZT / Compression
<b>Frequency Response</b>	10Hz...1kHz ±5%
<b>Mounting Torque</b>	8 Nm
<b>Electrical Connection</b>	M12x1 4 pin
<b>Mechanical Connection</b>	M6x1 Male, M8x1.25 Male, M10x1.5 Male ve 1/4x28 Female
<b>Protection Class</b>	IP67
<b>Operating Temperature</b>	-25°C ... +120°C
<b>Weight</b>	~100 g
<b>Material</b>	AISI 304L

## FREQUENCY RESPONSE CURVE

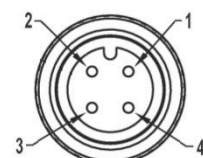


## ELECTRICAL CONNECTION

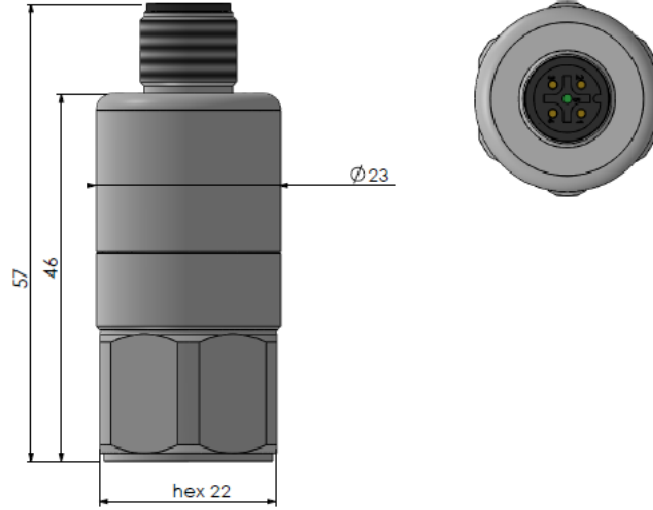
**Pin 2** +15...30 VDC (Supply Voltage)

**Pin 4** 4-20 mA (Sensor Current Output)

M12 / 4 pin



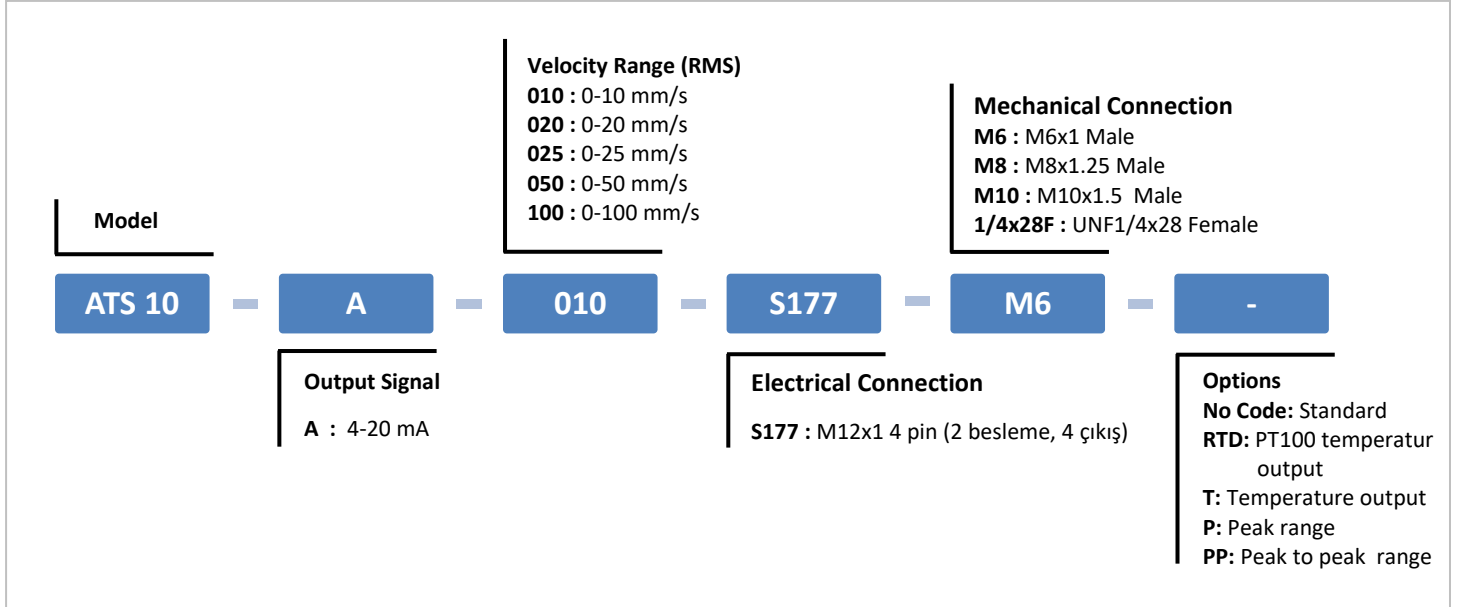
## MECHANICAL DIMENSIONS (mm)



## APPLICATIONS

- Fans
- Conveyor systems
- Gear reducers (gearboxes)
- HVAC systems
- Industrial dryers
- Mining industry
- Energy and infrastructure services
- Automotive industry
- Metallurgy and metal processing
- Building services

## ORDER CODE



Atek Elektronik Sensör Teknolojileri Sanayi ve Ticaret A.Ş.

