

# HS-429 Vibration Trip

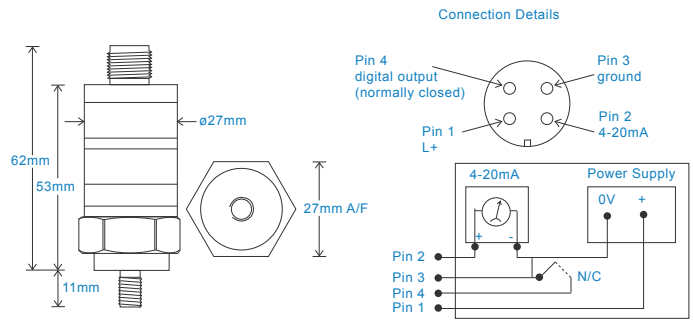
## 4-20mA velocity and switch output via M12 Connector

### Key Features

- Compact vibration switch
- Retransmit 4-20mA signal
- False trigger delay
- Overload protected

### Industries

Building services, Pulp and Paper, Mining, Metals, Utilities, Automotive, Water, Pharmaceutical



### Technical Performance

Velocity Ranges	see: 'How To Order' table ±10% Nominal 80Hz at 22°C
Frequency Response	10Hz (600cpm) to 1kHz (60kcpm) ± 5% - ISO10816
False Trigger Delay	Adjustable up to 60 seconds
Trip Setting	Fully adjustable

### Mechanical

Case Material	Stainless Steel 316L/Plastic
Mounting Torque	15Nm
Weight	116gms (nominal)
Screened Cable Assembly	HS-AC010 - straight HS-AC011 - right angle
Mounting Threads	M8 x 1.25mm male

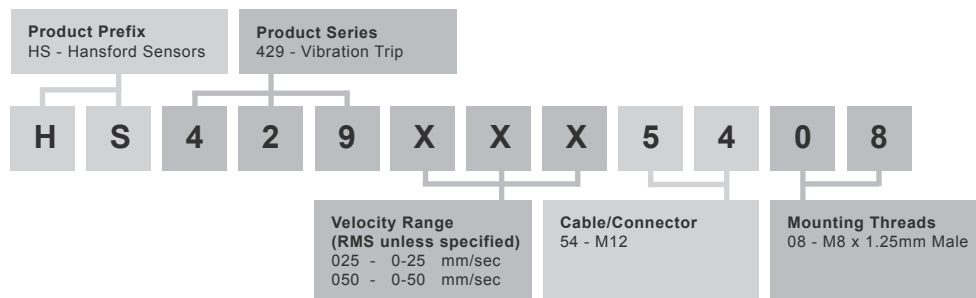
### Electrical

Current Output	4-20mA DC proportional to Velocity Range
Supply Voltage	18-32 Volts DC
Switching Output	NC, PNP up to 500mA
Display OK LED	Green
Trip LED	Yellow
Current Consumption	18-30volts DC at 50mA

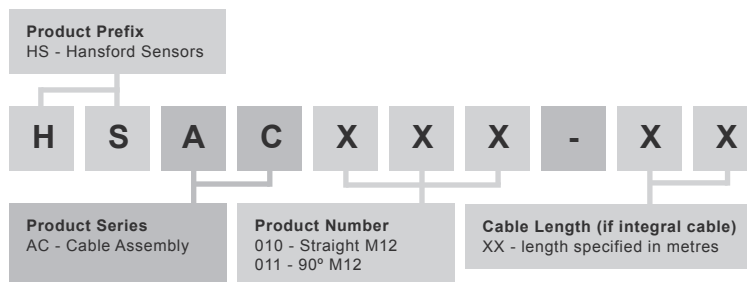
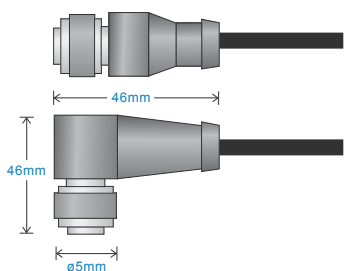
### Environmental

Operating Temperature Range	-25 to 80°C
Sealing	IP67
Maximum Shock	100g
EMC	EN61326-1:2013
Reverse Polarity	Protected
MTBF	510 years

### How To Order



### Screened Cable Assembly Details



[www.hansfordsensors.com](http://www.hansfordsensors.com)  
[sales@hansfordsensors.com](mailto:sales@hansfordsensors.com)

We reserve the right to alter the specification of this product without prior notice  
TS434.1

