

General Technical Data

| | |
|-----------------------|----------------------|
| Supply Voltage | 8 VDC - 30 VDC |
| Operation Current | 25 mA max. |
| Linearity FSO | +/- 1.0 % typ. |
| Damping Ratio | 0.7 typ. |
| Signal Output | 0.5 to 4.5 VDC |
| Zero Output | 2,500 mVDC +/-100 mV |
| TC Zero | +/- 125 mV |
| TC Span | +/- 50 mV/g |
| Shock Resistant | 2,000g |
| Operating Temperature | -40 °C to +85 °C |
| Storage Temperature | -40 °C to +85 °C |

Individual Technical Data

| | Sensitivity | Frequency +/- 5% |
|--------------|-------------|------------------|
| Range +/-2 g | 1000 mV/g | 50 Hz |

At 10 VDC Supply and 25 °C

| | Weight | Material | Dimensions |
|----------------|---------------|--------------------------|-----------------------|
| Housing | 65 gram | Aluminum, hard anodized | 57.0 x 36.5 x 28.5 mm |
| Cable | 12 gram/meter | AWG 30, Polyurethan (PU) | Diameter 3.0 mm |

Cable Code: 5 Wire System

| | |
|--------|---------------|
| Red | Supply + |
| Black | Supply - |
| White | Signal x-axis |
| Yellow | Signal y-axis |
| Green | Signal z-axis |

Calibration

- Pendulum Calibration
- Sinusoidal Calibration

Calibration Data incl.:

- Sensitivity
- Frequency
- Offset
- Phase

Order Information ASC 5631-XXX-6XX

1 2 3 4

- 1 Model: ASC 5631: Aluminium
- 2 Range: e.g. 002 is 2g
- 3 Cable: Length in Meter
- 4 Connector and Pinout / „A“ is for No Connector

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