ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Parker / CTC AC135-1A* at our website: ***Click HERE***

AC135 Series

Low Frequency Accelerometer, Top Exit Connector/Cable, 500 mV/g

Actual Product Size Shown



Product Features

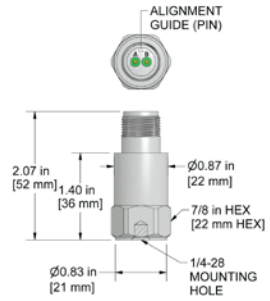
Low Frequency/ Slow Speed Sensor

0,2 - 3000 Hz (12 - 180,000 CPM)

- *500 mV/g Sensitivity, ±10% Sensitivity*
- *Standard 2 Pin MIL Connection*
- *±10 g, Peak Dynamic Range*

AC135-1A
2 Pin Connector

Connector Pin	Polarity
A	(+) Signal/Power
B	(-) Common



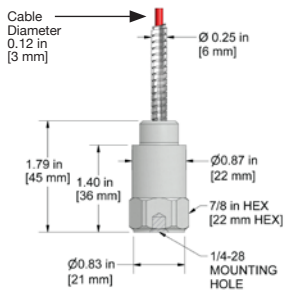
AC135-2C
Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire



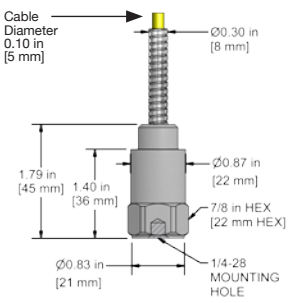
AC135-3C
Armored Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire



AC135-6C
Heavy Duty Armored Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire



Specifications	Standard	Metric
Part Number	AC135	M/AC135
Sensitivity (±10%)	500 mV/g	
Frequency Response (±3dB)	12-180,000 CPM	0,2-3000 Hz
Frequency Response (±10%)	36-90,000 CPM	0,6-1500 Hz
Dynamic Range	± 10 g, peak	
Electrical		
Settling Time	5 Seconds	
Voltage Source (IEPE)	18-30 VDC	
Constant Current Excitation	2-10 mA	
Spectral Noise @ 10 Hz	1.7 µg/√Hz	
Spectral Noise @ 100 Hz	0.2 µg/√Hz	
Spectral Noise @ 1000 Hz	0.12 µg/√Hz	
Output Impedance	<100 ohm	
Bias Output Voltage	10-14 VDC	
Case Isolation	>10^8 ohm	

Specifications	Standard	Metric
Environmental		
Temperature Range	-58 to 250°F	-50 to 121°C
Electromagnetic Sensitivity	CE	
Sealing	IP68	
Submersible Depth (AC135-2C/3C)	200 ft.	60 m
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	3.4 oz	95 grams
Case Material	316L Stainless Steel	
Mounting	1/4-28	
Connector (non-integral)	2 Pin MIL-C-5015	
Resonant Frequency	960,000 CPM	16000 Hz
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
Calibration Certificate	CA10	

Ordering Information

Standard	AC135-1A (1/4-28 Stud) Stock Product	AC135-2C - / (1/4-28 Stud) Build To Order	AC135-3C - / (1/4-28 Stud) Build To Order	AC135-6C - / (1/4-28 Stud) Build To Order	
		___ - ___ (length in feet) (termination)	___ / ___ - ___ (maximum armor length 100 ft.) (cable length in feet) (termination)	___ - ___ - ___ (maximum armor length 20 ft.) (cable length in feet) (termination)	
Metric	M/AC135-1A (M6x1 Adapter Stud) Stock Product	M/AC135-2C - / (M6x1 Adapter Stud) Build To Order	M/AC135-3C - / (M6x1 Adapter Stud) Build To Order	M/AC135-6C - / (M6x1 Adapter Stud) Build To Order	
		___ - ___ (length in feet) (termination) ___ M - ___ (length in meters) (termination)	___ / ___ - ___ (maximum armor length 100 ft.) (cable length in feet) (termination) ___ M / ___ M / ___ (maximum armor length 30 m) (cable length in meters) (termination)	___ - ___ - ___ (maximum armor length 20 ft.) (cable length in feet) (termination) ___ M / ___ M - ___ (maximum armor length 6 m) (cable length in meters) (termination)	

Cable Termination Options: E F L Z

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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