CSI 2140 Machinery Health Analyzer

Break-Away Cable Improves Safety and Prevents Accidents

Personal safety is important in every plant!

Promote safety in the workplace by installing break-away safety cables on your CSI 2140 Machinery Health Analyzers. Safety connectors greatly reduce the likelihood of technicians and equipment being pulled into rotating machinery during route-based vibration monitoring. The cables are designed to withstand the harshest industrial environments.

Technical Specifications

Performance	English	SI
Cable Style	Multi Conductor - Shielded	Multi Conductor - Shielded
Number of Conductors	2	2
Connector Model (sensor side)	extended strain relief	extended strain relief
Connector Style (sensor side)	MIL-C-5015	MIL-C-5015
Connection Type (sensor side)	2-socket	2-socket
Coupling Method (sensor side)	Threaded	Threaded
Connector Model (termination)	3-pin half-breakaway	3-pin half-breakaway
Coupling Method (termination)	Breakaway	Breakaway
Environmental		
Temperature Range	-22 to 176°F	-30 to 80°C
Electrical		
Capacitance	31 pF/ft	102 pF/m

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Technical Specifications

Physical	English	SI
Cable Jacket Diameter (±.010 in)	0.21 in	5.33 mm
Cable Jacket Material	TPE	TPE
Cable Jacket Color	Black	Black
Conductor Style	Stranded - 21 Strands 36 AWG	Stranded - 21 Strands 36 AWG
Conductor Material	Tin Plated Copper	Tin Plated Copper
Conductor Diameter (23 AWG)	0.028 in	0.028 in
Insulation Material Over Conductor(s)	Polypropylene	Polypropylene
Shield Type Over Conductor(s)	Braid: 90% Minimum Coverage	Braid: 90% Minimum Coverage
Shield Material Over Conductor(s)	Tinned Copper	Tinned Copper
Bend Radius	2.1 in	53.3 mm
Weight	0.25 lb	0.11 kg
Size - Length	6 ft	1.829 m
Temperature Range	-22 to 176°F	-30 to 80°C

All specifications are at room temperature unless otherwise specified.

Performance	English	SI
Cable Style	Multi Conductor - Shielded	Multi Conductor - Shielded
Number of Conductors	2	2
Connector Model	Half Breakaway	Half Breakaway
Connection Type	3-socket	3-socket
Coupling Method	Breakaway	Breakaway
Connector Model (termination)	5-pin Turck	5-pin Turck
Coupling Method	Threaded	Threaded
Environmental		
Temperature Range	-58 to 250°F	-50 to 121°C
Electrical		
Capacitance	36 pF/ft	6.35 mm
Performance	**English**	**SI**
Cable Jacket Diameter	0.25 in	6.35 mm
Cable Jacket Material	Polyurethane	Polyurethane
Cable Jacket Color	Black	Black
Conductor Style	Stranded - 19 strands 32 AWG	Stranded - 19 strands 32 AWG
Conductor Material	Tin Plated Copper	Tin Plated Copper

Technical Specifications

Physical	English	SI
Conductor Diameter (20 AWG)	0.04 in	1.02 mm
Shield Type Over Bundle	Braid: 90% Minimum Coverage	Braid: 90% Minimum Coverage
Shield Material Over Bundle	Tin Plated Copper	Tin Plated Copper
Bend Radius (minimum)	2.5 in	63.5 mm
Weight	0.67 oz/ft	61.85 gm/m
Size - Length	1 ft	0.304 m

All specifications are at room temperature unless otherwise specified.

Ordering Information

To request a quote or for ordering information, contact your local Emerson representative or send an email to mhm.accessory@emerson.com.

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