



Cable assemblies

Industrial two pin accelerometer assemblies for SKF Multilog systems

MIL-style stainless steel connectors are designed for use with SKF sensors. There are two different styles of IP 68 connectors: an assembly with a twist lock and an assembly with a locking collar.

The locking collar is a threaded connector that threads onto an accompanying sensor adapter. It is recommended to secure the sensor adapter to the accelerometer connector using thread lock (Loctite).

Both provide excellent protection against dust and water, and both achieved an ingress protection rating of IP 68. However, the connector/cable assembly with locking collar features an O-ring and metal locking ring and is therefore more suitable for applications under water.

Model number	Description	Compatible accelerometers	
Twist lock cables			
			
CMSS 932-68TLN-SY-5M	Twist lock, non-isolated Two wire, IP 68 connector, twist lock, non-isolated, single shield, yellow cable, 5 m (16.4 ft.) length	<ul style="list-style-type: none"> • CMSS 780A-IS • CMSS 780A-D2 • CMSS 780C • CMSS 780C-M8 • CMSS 786A-IS • CMSS 787A-IS • CMSS 787A-M8-IS • CMSS 793-CA • CMSS 793-EE • CMSS 793-FM • CMSS 793L • CMSS 793V • CMSS 793V-CA • CMSS 793V-EE • CMSS 793V-FM • CMSS 797-CA • CMSS 797-EE • CMSS 797L • CMSS 797L-FM • CMSS 797V • CMSS 2100 • CMSS 2106 • CMSS 2200 • CMSS 2200-M8 • CMSS 2207 	
CMSS 932-68TLN-SY-10M	Two wire, IP 68 connector, twist lock, non-isolated, single shield, yellow cable, 10 m (32.8 ft.) length		
CMSS 932-68TLN-SY-10M	Two wire, IP 68 connector, twist lock, non-isolated, single shield, yellow cable, 20 m (65.6 ft.) length		
Twist lock, isolated			
CMSS 932-68TLI-SY-5M	Two wire, IP 68 connector, twist lock, isolated, single shield, yellow cable, 5 m (16.4 ft.) length		
CMSS 932-68TLI-SY-10M	Two wire, IP 68 connector, twist lock, isolated, single shield, yellow cable, 10 m (32.8 ft.) length		
CMSS 932-68TLI-SY-10M	Two wire, IP 68 connector, twist lock, isolated, single shield, yellow cable, 20 m (65.6 ft.) length		
Locking collar cables			
			
Locking collar, non-isolated			
CMSS 932-68LCN-SY-5M	Two wire, IP 68 connector, locking collar, non-isolated, single shield, yellow cable, 5 m (16.4 ft.) length		
CMSS 932-68LCN-SY-10M	Two wire, IP 68 connector, locking collar, non-isolated, single shield, yellow cable, 10 m (32.8 ft.) length		
CMSS 932-68LCN-SY-10M	Two wire, IP 68 connector, locking collar, non-isolated, single shield, yellow cable, 20 m (65.6 ft.) length		
Locking collar, isolated			
CMSS 932-68LCI-SY-5M	Two wire, IP 68 connector, locking collar, isolated, single shield, yellow cable, 5 m (16.4 ft.) length		
CMSS 932-68LCI-SY-10M	Two wire, IP 68 connector, locking collar, isolated, single shield, yellow cable, 10 m (32.8 ft.) length		
CMSS 932-68LCI-SY-10M	Two wire, IP 68 connector, locking collar, isolated, single shield, yellow cable, 20 m (65.6 ft.) length		

IP 68 rated cable/connector assembly – industrial

Ordering information

CMSS 932 Two-wire twisted pair cable / two-pin connector assembly.

CMSS 933 Three-wire twisted triad cable / three-pin connector assembly.

CMSS 93a-68bbc-de-fff

a: Wire

2 Two-wire twisted pair, two-pin connector
3 Three-wire twisted triad, three-pin connector

68: IP 68 connector (immersion)

bb: Lock type

TL Twist lock
LC Locking collar

c: Isolated/Non-isolated

I Isolated (must use single shielded)
N Non-isolated

d: Shield

D Double shielded (must use non-isolated)
S Single shielded

e: Jacket

Y Yellow jacket
B Blue jacket

fff: Length

5M Length: 5 meters (16.4 ft.)
10M Length: 10 m (32.8 ft.)
20M Length: 20 m (65.6 ft.)
XXM Length: Specify XX meters, in 5 m increments

Note: Isolated connectors cannot be selected with double shielded cables (e.g., part number CMSS 932-68LCI-DY-XXM is not valid).

As such, if a double shielded cable is required (shield = **D**), select a non-insolated connector (non-isolated = **N**); for example:

- CMSS 932-68LCN-DY-5M

If a isolated connector is required (isolated = **I**), select a single shielded cable (shield = **S**); for example:

- CMSS 932-68LCI-SY-5M

Double shielded cable should be grounded on both sides: the instrument side and the sensor side (through the machine). If an isolated connector is selected with a double shielded cable, the sensor side will be cut off and never connected to the sensor ground.