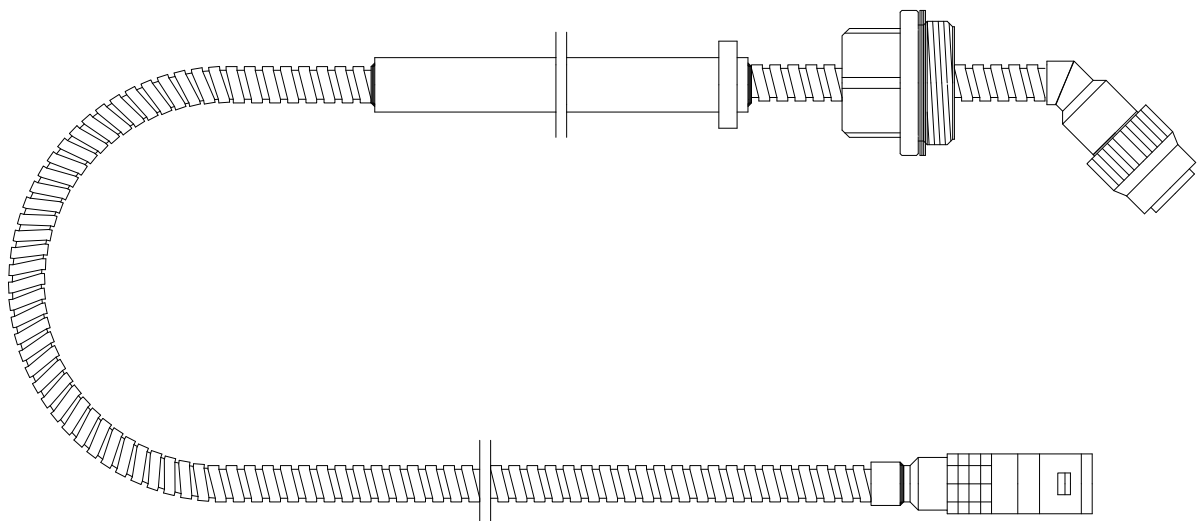




K-DDRS1

VAL0122855 / SKC9315710

ROTATING CABLE



TO RMS-DD
USERS MANUAL



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1 TECHNICAL SPECIFICATION

Connector, transducer end: 6-pole with bayonet, 602GB-6 KAF
 Connector, amplifier end: 6-pole with bayonet, LE-2S-ISO + LE-2E-KABM
 Cable: 6 leads with teflon isolation, 0.75 mm²
 Protection: Flexible stainless steel tube
 Length: 3.79 m

2 CONNECTION DIAGRAM



3 MOUNTING INSTRUCTION

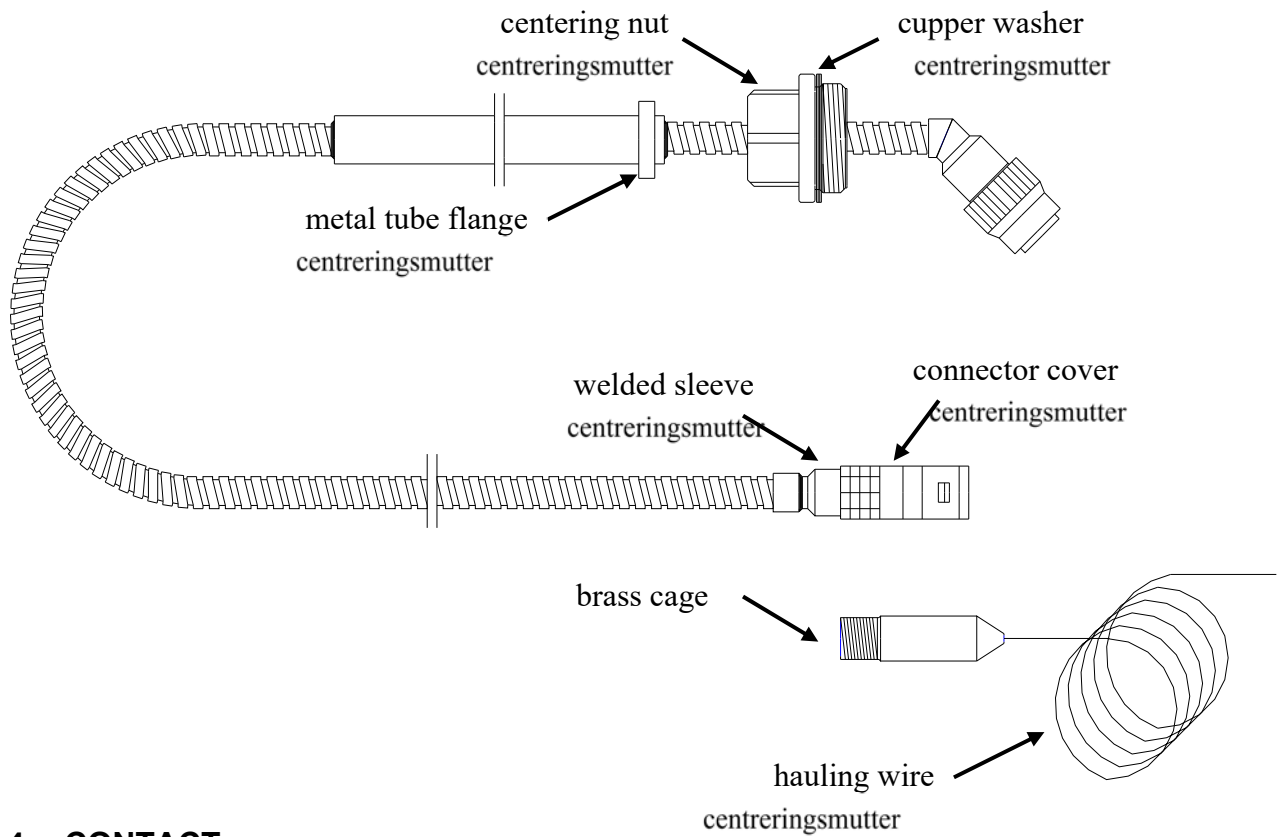
3.1 DISMOUNT THE OLD CABLE

- Remove the cover for the TDC-sensor space in the rotor.
- Remove the locking piece for the cable.
- Remove the centering nut from the TDC-sensor.
- Disconnect the bayonet connector of the cable from the TDC-sensor.
- Remove the Safeset clutch.
- Remove the TVD-TA1 transducer.
- Remove the cable from the cable guide inside the rotating transformer.
- Disconnect the cable from the rotating unit by holding the covers of the connectors and pull them gently apart.
- Remove the mounting clip for the cable on the centering plate.
- Remove the cover of the connector from the welded sleeve of the metal tube.
- Be careful of the connector and use no tools if not necessary.
- Mount the brass cage (DD-DH15G) with the hauling wire to the welded sleeve of the tube.
- Pull the cable from the transducer end thus replacing it with the hauling wire.
- Remove the brass cage from the welded sleeve.

3.2 MOUNT THE NEW CABLE

- Remove the cover of the contact from the welded sleeve of the metal tube of the new cable. Be careful of the connector and use no tools.
- Mount the brass cage (DD-DH15G) with the hauling wire to the welded sleeve of the tube.
- Pull the hauling wire until the flange of the rigid metal tube of the cable rests on the designed edge of the rotor.
- Connect the bayonet connector to the TDC-sensor. Be careful to the surface (dia 17 mm) outside the bayonet since the gasket inside the centering nut uses it.
- Mount the centering nut to the transducer. Check that the surface on the TDC-sensor is flat so that the surface works as a sealing together with the copper washer on the centering nut.
- At the other end, remove the brass cage and mount the attached O-ring and the cover of the connector, use the attached tool to prevent rotation of the inner set. Be careful of the connector parts.
- Slide the cable through the hole of the centering plate and the coupling flange.
- Fasten the cable to the centering plate with the mounting clip.
- Connect the cable to the rotating unit by holding the covers of the contacts, position the male/female by rotating them and then push them gently together.
- Place the cable in the cable guide inside the rotating transformer, and mount the locking screw.
- Mount the TVD-TA1 transducer.
- Mount the Safeset clutch.

3.3 CABLE DETAILS



4 CONTACT

Sales, development, production and service:

Dametric AB

Jägerhorns Väg 19, SE 141 75 Kungens Kurva, Sweden
 Phone: +46-8 556 477 00 Telefax: +46-8 556 477 29
 E-Mail: service@dametric.se Website: www.dametric.se

