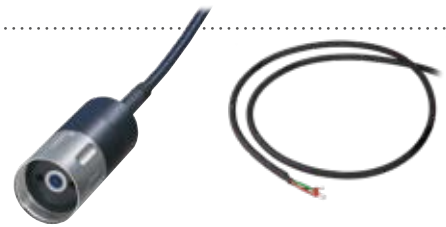


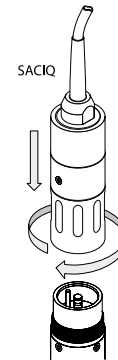
# IQ SENSOR NET Cable



One connection for all IQ sensors via the universal **SACIQ sensor cable**, including a version for corrosive media.

Specific two-wire **SNCIQ connection cable** with shield for safe power and information transfer within the IQ SENSOR NET system (also for underground installation).

We would like to inform you about the application range on our website



## Technical Data (excerpt)

Model	SNCIQ(UG)	SACIQ	SACIQ (SW)
<b>Type of connection</b>	Module to module, UG for underground installation	Module to sensor	Module to sensor, for corrosive media
<b>Allowed temperature</b>	-31 °F ... 176 °F (-35 °C ... +80 °C)		
<b>Minimum bend radius</b>	3.15 in. (80 mm)		
<b>Outer diameter</b>	0.31 ± 0.01 in. (8.0 ± 0.3 mm)		
<b>Cores</b>	2-wire with shield; 2 x 0.001 in. <sup>2</sup> (0.75 mm <sup>2</sup> ); Filler cord for easy connection of shield: 0.001 in. <sup>2</sup> (0.75 mm <sup>2</sup> ); pressure resistant to 10 bar		
<b>Core colors</b>	Red, green		
<b>Shield</b>	Braid of tinned copper wires, optical coverage min. 95 %		
<b>Material</b>	Wire insulation: LDPE Sheath: PUR (flame retardant) UV resistant (UG: double sheath)	Wire insulation: LDPE Sheath: PUR (flame retardant) UV resistant Sensorhead: Stainless steel, POM	Wire insulation: LDPE Sheath: PUR (flame retardant) UV resistant Sensorhead: Titanium, POM
<b>Pressure resistance</b>	10 bar (radial watertight)		
<b>Integrated Overvoltage Protection</b>	According to EN 61326-1 enhanced overvoltage protection for the entire system, implemented in each component		
<b>Connection Characteristics</b>	Comprehensive EMC shield control; cable topology within IQ SENSOR NET system as required, e.g. in the form of a line, tree, star, multiple star; Total cable length: max. 1000 m/1094 yds (without signal amplifying), with signal amplifying module MIQ/JBR additional 1000 m/1094 yds (max 3000 m/3282 yds)		

Model	Description	Order No.
<b>Sensor adapter cable SACIQ (Module-Sensor)</b>		
<b>SACIQ-1,5</b>	Sensor adapter cable for all IQ sensors, with IP 68 waterproof connection to the IQ SENSOR NET system. Cable length 1.5 m (4.9 ft)	480040
<b>SACIQ-7,0</b>	Like SACIQ-1,5, but with cable length 7 m (23 ft)	480042
<b>SACIQ-15,0</b>	Like SACIQ-1,5, but with cable length 15 m (49 ft)	480044
<b>SACIQ-SO</b>	Like SACIQ-1,5, but with customized cable length up to 100 m (330 ft)	480041V
<b>SACIQ-20,0 SW</b>	Sensor adapter cable for all IQ sensors, in seawater design, with IP 68 waterproof connection to the IQ SENSOR NET system. Cable length 20 m (65 ft), with screwable SACIQ-Plug	480045
<b>SACIQ-25,0 SW</b>	Like SACIQ-20 SW, but with cable length 25 m (82 ft)	480066
<b>SACIQ-50,0 SW</b>	Like SACIQ-20 SW, but with cable length 50 m (162 ft)	480060
<b>SACIQ-SO SW</b>	Like SACIQ-20 SW, but with customized cable length up to 100 m (330 ft)	480064V
<b>SACIQ-Plug</b>	Screwable plug for all SACIQ sensor adapter cables for IQ sensors	480065
<b>Connection cable SNCIQ (Module-Module)</b>		
<b>SNCIQ-100</b>	Specific two-wire IQ SENSOR NET cable with shield for safe power/information transfer within the IQ SENSOR NET system. Cable reel with 100 m (109 yds)	480068
<b>SNCIQ-200</b>	Specific two-wire IQ Sensor Net cable with shield for safe power/information transfer Like SNCIQ-100, but with cable length 200 m (119 yds)	480069
<b>SNCIQ-250</b>	Specific two-wire IQ Sensor Net cable with shield for safe power/information transfer Like SNCIQ-100, but with cable length 250 m (273 yds)	480070
<b>SNCIQ-500</b>	Specific two-wire IQ Sensor Net cable with shield for safe power/information transfer Like SNCIQ-100, but with cable length 500 m (547 yds).	480072
<b>SNCIQ - SO</b>	Like SNCIQ-100, but please indicate cable length in m when ordering (unit: m)	480046V
<b>SNCIQ/UG-250</b>	Specific two-wire IQ SENSOR NET cable with shield for safe power/information transfer within the IQ SENSOR NET system, esp. for use in underground. Cable reel with 250 m (273 yds).	480075
<b>SNCIQ/UG- SO</b>	Like SNCIQ/UG-250, but please indicate cable length in m when ordering (unit: m)	480047V