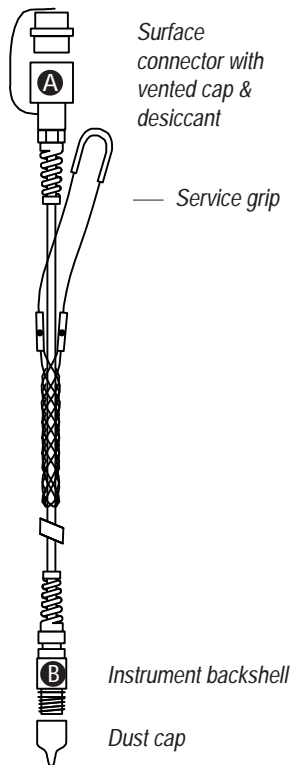




Product Specifications



QUICK-CONNECT SUBMERSIBLE CABLE



APPLICATION

Closes off the back end of a miniTROLL or Multi-Parameter TROLL 9000; provides power and communication signals, cable strain relief, venting, a connection to communication/power accessories, and a means to anchor the instrument to a wellhead or other stationary object. Standard & custom lengths available; reels optional.

PHYSICAL DESCRIPTION

Cable type	Vented yellow polyurethane Vented blue FEP* Non-vented black HDPE**
Wetted materials	Polyurethane/FEP/HDPE, stainless steel, nylon
Recommended bend radius	Vented ≥ 63.4 mm (2 ½ in) Non-vented ≥ 16 mm (¾ in)
Connector environmental rating	Vented cap: IP67 (temporary immersion) Non-vented cap: IP68 (sustained immersion)

SIGNALS

Voltage	≤ 12 VDC miniTROLL ≤ 14 VDC TROLL 9000
Communication	RS485

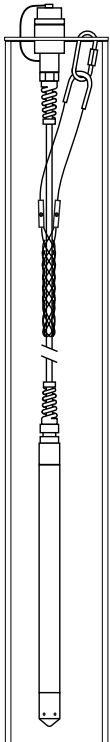
CONNECTIONS

- Ⓐ The surface connector connects to
 - Communication cables and accessories
 - High-volume desiccant pack
 - External battery packs
 - Network boxes
 - SDI-12 adapter
- Ⓑ The backshell attaches directly to the miniTROLL or MP TROLL 9000.

* FEP = fluorinated ethylene propylene, the generic equivalent of DuPont Teflon®

** HDPE = High-Density Polyethylene

Single Installation



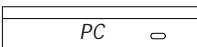
QUICK-CONNECT
SUBMERSIBLE
CABLE

miniTROLL or
MP TROLL 9000

GUIDELINES & PRECAUTIONS

- Protect the contact board on the backshell with its protective dust cap when the cable is not attached to an instrument.
- Replace the vented cap when the indicating desiccant appears colorless.
- Replace the o-rings on the backshell if they appear cracked or warped.
- To protect the vent tube in vented cable, do not allow the cable to kink or bend too tightly. The recommended bend radius for vented cable is 63.4 mm (2.5 in) or more.
- Consult your In-Situ Regional Sales Manager for available communication options.

Programming & Downloading



Comm cable or
communication
accessory



QUICK-CONNECT
SUBMERSIBLE
CABLE

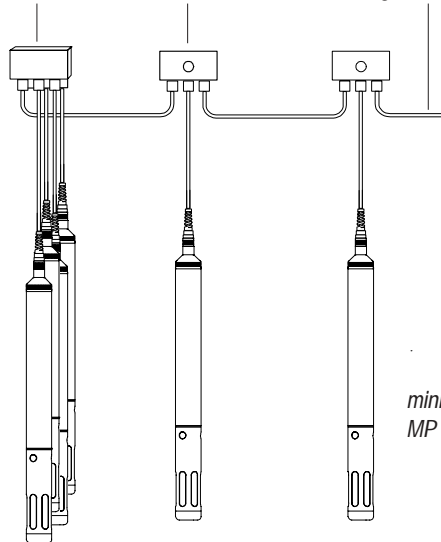
miniTROLL or
MP TROLL 9000

Network Installation

Network Quad Box
Catalog No. 29000

Network T-Box
Catalog No. 24110

Network Interconnect Cable
Catalog No. 27700-01-02



miniTROLL or
MP TROLL 9000