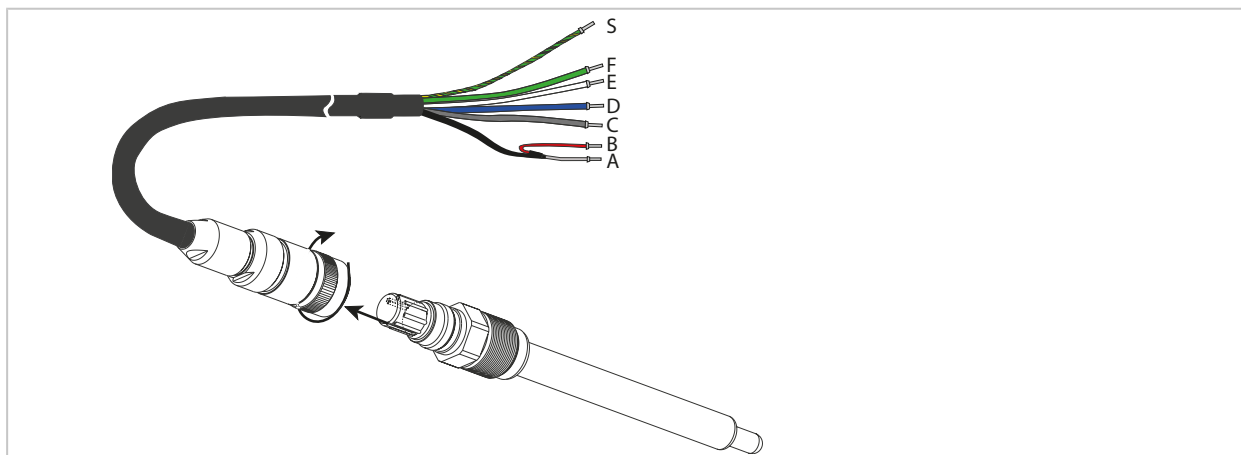


VarioPin(VP) Cable CA/VP6ST-***A-**



Intended Use

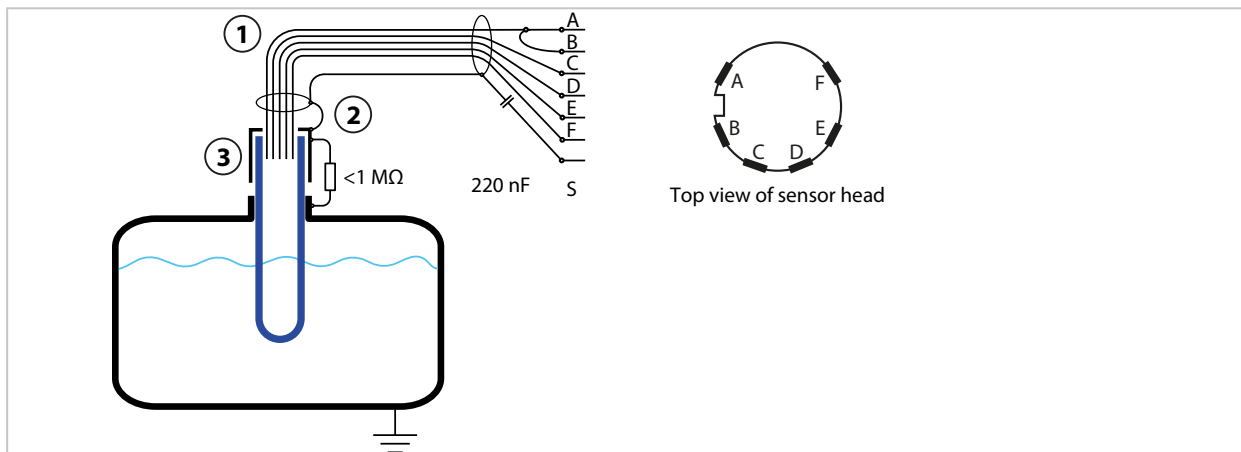
The cable is used to connect sensors with a VP connector to industrial transmitters. For more information, please refer to the relevant User Manuals.

Operation in Hazardous Locations

Observe all applicable local and national codes and standards for the installation of electrical equipment in hazardous locations. For orientation, please refer to IEC 60079-14, EU Directives 2014/34/EU and 1999/92/EC (ATEX).

The intrinsically safe circuit **(1)**, including the shield wire, is to be regarded as galvanically interconnected at the sensor's installation location. The shield **(2)** of the VP cable may therefore only be connected to the equipotential bonding system at the sensor's installation location.

To prevent electrostatic charging of the metallic coupling **(3)** of the VP cable connected to the shield, it must be conductively connected to the equipotential bonding system.



Terminal Assignments

	Wire Color	pH	Oxy	Cond 2 El.
A	transparent (coax core)	meas. el.	cathode	U hi/I hi
B	red (coax shield)	ref. el.	anode	
C	gray		guard	U lo/I lo
D	blue	SG	reference	
E	white	RTD	RTD	RTD
F	green	RTD (GND)	RTD (GND)	RTD (GND)
S	green/yellow (cable shield)	shield	shield	shield

Specifications

Type	VP6 cable (6-pin), one coax line
Ambient temperature	
CA/VP6ST-0**A	-25 ... 70 °C (-13 ... 158 °F)
CA/VP6ST-0**A-HT	-25 ... 120 °C (-13 ... 248 °F)
Wire termination	Ferrules

Order Codes

Length	Ambient Temperature	Order Code
3 m	-25 ... 70 °C (-13 ... 158 °F)	CA/VP6ST-003A
5 m	-25 ... 70 °C (-13 ... 158 °F)	CA/VP6ST-005A
10 m	-25 ... 70 °C (-13 ... 158 °F)	CA/VP6ST-010A
20 m	-25 ... 70 °C (-13 ... 158 °F)	CA/VP6ST-020A
3 m	-25 ... 120 °C (-13 ... 248 °F)	CA/VP6ST-003A-HT
5 m	-25 ... 120 °C (-13 ... 248 °F)	CA/VP6ST-005A-HT
10 m	-25 ... 120 °C (-13 ... 248 °F)	CA/VP6ST-010A-HT

