

MODEL 425 QUICK-UNION CONDUCTIVITY SENSOR Specification

<i>Specifications</i>	<i>Model 425-1.0</i>	<i>Model 425-2.0</i>
Measurement Range	100 μ S/cm to 10 000 μ S/cm	200 μ S/cm to 20 000 μ S/cm
Temperature Range	0 °C to 90 °C (32 °F to 194 °F)	0 °C to 90 °C (32 °F to 194 °F)
Pressure Range	0 kPa to 689 kPa (0 psi to 100 psi)	0 kPa to 689 kPa (0 psi to 100 psi)
Sensing Element	Titanium	Titanium
Wetted Materials	CPVC, Titanium, Viton	CPVC, Titanium, Viton
Temperature Sensor	1000 Ω PT RTD	1000 Ω PT RTD
Process Connections	0.75 in FNPT submersion pipe mount; Universal	0.75 in FNPT submersion pipe mount; Universal
Pressure & Temperature Limits at Insertion	<i>Option -76:</i> 414 kPa at 90 °C (60 psi at 194 °F)	<i>Option -76:</i> 414 kPa at 90 °C (60 psi at 194 °F)
Electrode Dimensions	<i>Length:</i> 20.3 cm (8.0 in) <i>Diameter:</i> 3.3 cm (1.3 in)	<i>Length:</i> 20.3 cm (8.0 in) <i>Diameter:</i> 3.3 cm (1.3 in)
Sensor Cable	4 conductor plus shield; 1.5 m (5.0 ft) in length	4 conductor plus shield; 1.5 m (5.0 ft) in length
Weight	0.9 kg (2.0 lb)	0.9 kg (2.0 lb)
Shipping Weight	1.4 kg (3.0 lb)	1.4 kg (3.0 lb)
Shipping Dimensions	30 cm \times 23 cm \times 23 cm (12 in \times 9 in \times 9 in)	30 cm \times 23 cm \times 23 cm (12 in \times 9 in \times 9 in)