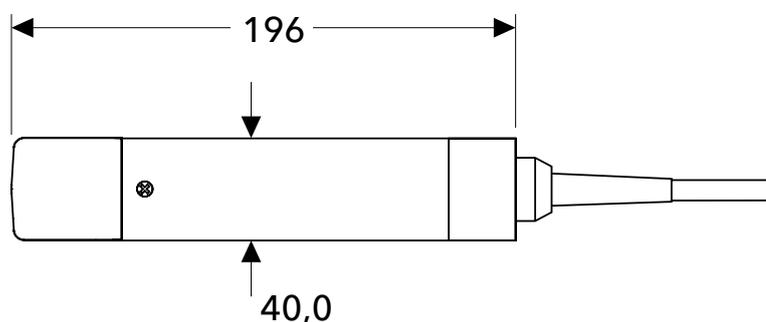




Analog conductivity measuring cells TetraCon® for EX area

Conductivity measuring cells for locations in explosive atmosphere (EX area, Zone 1 IIC T6) - TetraCon® 700 EX with 4 electrodes system

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



Technical Data

Model	TetraCon® 700 EX
Measuring principle	Conductometric (4-electrode cell)
Measuring Range	10 µS/cm ... 1000 mS/cm
Cell constant	$K = 0.917\text{cm}^{-1}$, $\pm 1.5\%$ (in free solution)
Signal output	Analog
Temperature sensor	NTC, integrated in measuring cell
Temperature Measurement	0 °C ... +40 °C, $\pm 0.2\text{ K}$
Electrical Connection	PUR connection with open wires
Certifications	CE
Mechanical	Shaft: POM, conductive Sensor head: PVC, Epoxy (filler) Protection ring: POM, conductive Temperature sensor, electrodes: Graphite Protection rating: IP 68
Weight (without cable)	Approx. 660 g
Explosion protection	Ex ib IIC T6 Gb X
Warranty	2 years on defects in quality according to § 10 terms of conditions

Model	Description	Order No.
TetraCon® 700-7 EX	Analog 4 electrodes conductivity measuring cell with integrated temperature sensor and 7 m cable and open wires	302316EX