

## Technical Data Sheet DeviceLink™ Connect CO₂ Independent Sensor

Thermo Fisher Scientific, Asheville, North Carolina Revision A

Specifications	Catalog Number	
	DLCPTCO2A001	
	Application and Operating Conditions	
Application	CO <sub>2</sub> sensor to be used with a DeviceLink Connect remote monitoring system	
Application Environment	Non-corrosive, non-flammable, non-explosive, good air ventilation	
	Sensor Specifications	
Operating Temperature Range	-40°C to +60°C	
Measurement Range	0% to 20% CO₂	
Accuracy	Temp at 25°C, Pressure at1013 hPa. and CO2 at 5% = $\pm 0.1\%$ CO <sub>2</sub> CO <sub>2</sub> from 0-8% = $\pm 0.2\%$ CO <sub>2</sub> CO <sub>2</sub> from 8-20% = $\pm 0.4\%$ CO <sub>2</sub>	
Display Resolution	0.1	
System Resolution	0.01	
	Sensor Construction	
Connection Interface	RJ45 connection to DeviceLink Connect mote	
Housing	PBT polymer	
Filter	PTFE membrane, PBT polymer grid	
Dimensions	3.8" x 0.98" (96mm x 25mm) (L x D)	
Weight	1.59oz (45g)	
Cable Length	11.5' (3.5m)	







CO<sub>2</sub> Sensor Connected to DeviceLink Connect Mote

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