



TECHNICAL SPECIFICATIONS

Operating Temp. Range: -40°C to +60°C
Petroleum Product Range: Petroleum Blends through #2 Oil
Exposed Materials: Aluminum, zinc, borosilicate (Pyrex®) glass, epoxy, conductive nylon and Viton® seals
Level Repeatability: ±1 mm
Electrical Leads: 40 cm long, 0.33 mm² (22 AWG)

Cable Entry: Two holes, M20 x 1.5 threads
Detection Level and Size: The detection level is adjustable, refer to sensor outline drawing above, shown for 175mm shaft length.
Approvals: The sensor is intrinsically safe for mounting in Zone 0 according to ATEX Directive 94/9/EC
 Ex ia IIB T5 Ga (-40°C ≤ Ta ≤ +60°C)

SIL Capable



ORDERING INFORMATION				Part Number for EN13922 Wire Colours
Model	Description	Shaft Length	Part Number	
SP-FU/MHCE(SC)	Five-Wire Optic Sensor, 2" BSPT holder, 35mm Short Cap	175mm	09031L1	09031L1E
		300mm	09038L1	09038L1E
		375mm	09048L1	09048L1E
SP-FU/MHCFE(SC)	Five-Wire Optic Sensor, flanged holder, 35mm Short Cap	175mm	09030L1	
		300mm	09037L1	
REPLACEMENT PARTS				Part Number for EN13922 Wire Colours
Model	Description	Shaft Length	Part Number	
SP-FU	Five-Wire Optic Sensor, (without holder)	175mm	09036L1	09036L1E
		300mm	09039L1	09039L1E
		375mm	09049L1	09049L1E
SP-MHCE(SC)	2" BSPT Threaded Holder Only		08714	
SP-MHCFE(SC)	Flanged Holder Only		08284	

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MaxSafety®
SYSTEMS

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