

TN02 - Technical Note on the Short Fogrod

October 2018

This technical note explains the short version of the Fogrod with 3-contacts, and with 3-contacts plus ground point.

Wastewater Level also manufactures 10-contact Fogrods with lengths 3ft, 5ft and 7.5ft.

The Fogrod is a very simple and reliable conductive level device - it uses the conductivity of water, wastewater and other conductive liquids, in conjunction with a control panel device, to detect liquid level. The Fogrod works with the innovative LIT, also manufactured by Wastewater Level, as well as various conductive level relays.

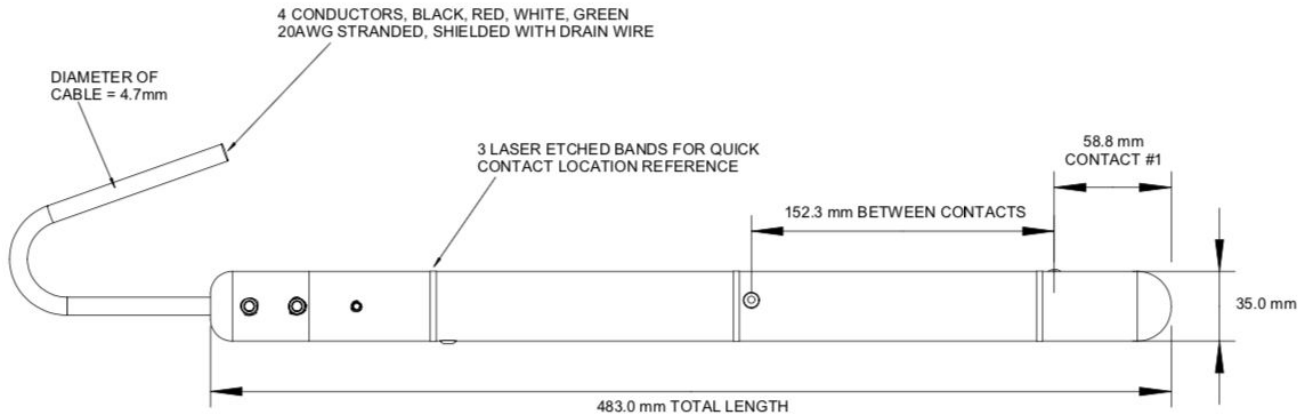
Photo of FOG-S-3C-100 - the 3-contact unit, no ground point, with 100ft (30m) cable:



The version with the ground point, FOG-S-3CG-100:



Dimensions



Specifications

Construction	PVC
Metal contacts	AL6XN (super-austenitic steel for very high corrosion resistance)
Dimensions	Diameter: 35mm (1 3/8 in), Length 483mm
Rating	Nema 6P IP68
Temperature rating	Operating: -40 °F to 158 °F (-40 °C to +70 °C) Storage: -40 °F to 185 °F (-40 °C to +85 °C)
Cable	4-core cable, diameter 5mm
Mounting bracket	Aluminum (powder coated) with polyurethane cleaning pad

Specifications subject to change without notice

How to Order the 3-contact Fogrod

FOG-S-3C-50 - no ground point, 50' (15m) cable
 FOG-S-3C-100 - no ground point, 100' (30m) cable
 FOG-S-3CG-50 - with ground point, 50' (15m) cable
 FOG-S-3CG-100 - with ground point, 100' (30m) cable

Contact us: sales@wastewater-level.com or 406 545 3023. Visit our website: wastewater-level.com