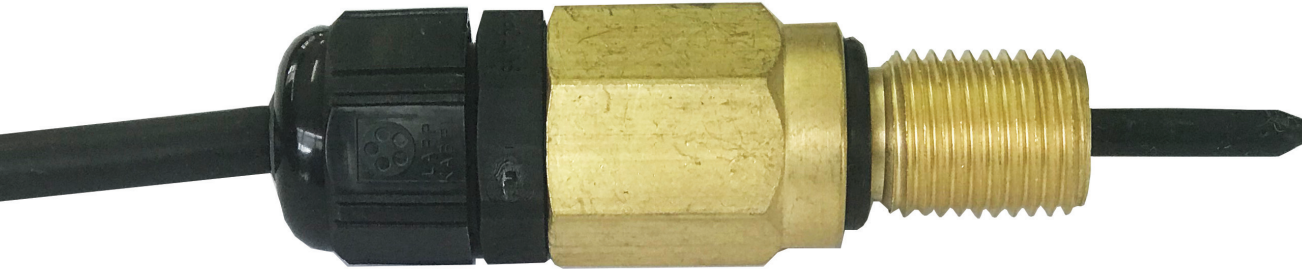


TRANTECH TTAQCAP WATER IN FUEL CONTAMINATION SENSOR

TTAQCAP



Electrical

Supply Voltage 10 – 32 V DC
 Supply Current Draw 10mA (max)
 Output (ground switching) 150mA (max)
 Output load dump 1 Joule (non repetitive)
 Transient Over Voltage Limits (supply) 100 V for 50 mS max @ 10% Duty Ratio
 Response Time (to detect water) 1 Sec. (typical)
 Response Time (to detect no water) 5 Sec. (typical)
 Self Test On supplying Voltage, output indicates no water for 1 Sec. (typical)
 For higher output current requirements, use an external relay. Intrinsically safe option available.

Environmental

Operating Temperature of Probe +120* C (max)
 Operating Temperature of Body +80* C (max)
 Pressure Differential between Body and Probe 3 Bar (max)
 Protection of Electronics within the Body IP68.

Mounting

Install Detector in a tapped M14/1,5 hole. Tighten by Hand only or Submersible.

Mechanical

Mounting	M14/1,5 (nitrile 'O' ring)
Electrical Termination	5 Metre 3 core PVC Cable (tinned wire ends)
Wetted materials	Brass/ECTFE/Nitrile
Dimensions	Brass Body -- 22mm x 43mm
Probe	20mm x 4mm
Compression Gland	25mm x 22mm