

Product Information - LS

FOOD

"LS" Capacitive Point Level Detection

Introduction

The Level Switch (LS) point level detector is designed to provide reliable point measurement in a compact sensor suitable for a broad variety of applications and installations. Particularly suited for detection of water based (>25%) liquid media in vessels or pipes, the LS excels in foamy or viscous applications. Utilizing RF capacitive technology, the LS detects changes in the dielectric constant from air to detected media. Fast reacting, the LS will detect changes in state in less than one second. Featuring a dielectric threshold adjustment, sensor sensitivity may be selected to accommodate a broad range of media while eliminating false readings. The LS is also equipped with a status LEDs and available with an optional windowed cover allowing local indication of sensor condition simplifying startup and diagnostic procedures. A simple three wire connection allows power and signal to connect directly to a PLC without the need for an external relay module. Standard Anderson quick disconnect eases installation by utilizing three conductor cable. The receptacle even maintains NEMA 4X water tight protection when disconnected. Finally the stainless steel enclosure is designed to protect from the rigors of frequent wash downs and vibration.

Complete specifications and ordering information are available on the reverse. For more information please visit our Web Site at www.anderson-negele.com, or contact your local Authorized Anderson-Negele Distributor.



Authorizations



Features

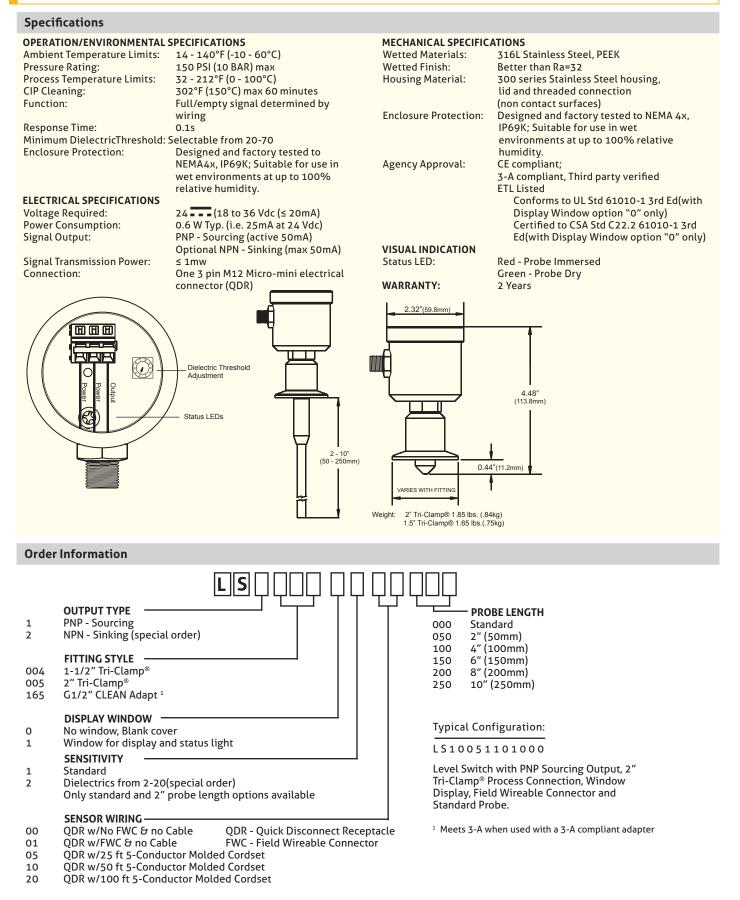
- · Conductivity independent
- · Fast reaction time
- · Selectable sensitivity
- Simple installation and connectivity
- · 3-A compliant; Third party verified

Applications

- \cdot Level detection in vessels or pipes
- · Product monitoring in pipes
- · Empty vessel indication
- · Pump protection
- · Low conductivity fluids such as liquid sugar and Deionized water
- Foamy or Viscous media such as syrups or concentrates

FOOD

2



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