

ILPXZ - DATASHEET

OVERALL

Summary

The ILPXZ models are designed to connect to a PLC or other device that accepts a contact close from the float switch. The float switch is reversible so it can provide either N.O. or N.C. signal. The float is protected inside a removable guard. There is one pipe containing a float switch, and the second pipe feeds liquid to a process.

Cable

Ingress ratingIP65 (waterproof and corrosion proof)
Depth adjustment.....4-30 inches using thumbscrew
Service Temperature.....205°F [95°C]
Working depth.....50.5 inch [1285 mm]

COMPONENTS

Cable

Conductors4 conductor/24 AWG
(only 2 are utilized)
JacketPVC, thickness 0.032"
Cable glandPVDF (½" thread)

Threaded Drum Plug (white)

Thread2" NPS
Material:polyethylene
Thumbscrew316 stainless thread M8
KnobPhenolic resin, dia. 25 mm
GasketBUNA rubber (off white)

IBC Lid (black)

Material:polypropylene.
Thread6 inch buttress
Elastomer sealBUNA rubber (off white)

Pipe and Wetted Materials

Material:polypropylene.
Diameter¾ inch [27 mm] sch. 80
Top thread connection½ inch NPT.
Weld materialpolypropylene
Float guard materialpolypropylene (3D printed)
Float switchpolypropylene. (molded)
Float switch S.G.0.85
Float switch electrical10W
Foot screenpolypropylene, 14 mesh. [1400 micron]

