

APPLICATION NOTE

www.ittcannon.com**Connectors for Submersible Pumps**

April 2007

The Challenge

To design a connector able to withstand with the tough requirements of a submersible pump for grey water. The connectors are used both on the supply cable of the pump and the float level switch

Features

- Rated voltage 230VAC
- Rated to withstand Impulse 4kV
- Cable length 10.6m
- IP level 68 at 5 bars
- Material group III
- Pollution degree 3

Benefit to the Customer

- Pump hardware standardization
- Easy replacement of failed cables, no need to disassemble the pump.
- Complete sealing of the pump, no water penetration from a damaged or cut cable.



The ITT Solution ...

ITT connectors for submersible pumps were developed for pumps in harsh environments. This connector solution offers;

- Quick exchange of the cable in the field.
- Standardization of the pump head, when level regulator is not required, a cap is installed; different cables for different markets can be easily installed on the same pump.
- Complete sealing of the pump. In case of cable cut or damage, no water can penetrate in the pump because the connector completely seals the pump.
- Easier stocking of pumps.

For application assistance, please contact:

AMERICAS

George Blazas, george.blazas@itt.com

EUROPE

Emiliano Centenaro, emiliano.centenaro@it.itt.com