

# Submersible Electric Switch Design Request

## GENERAL INFORMATION:

Customer: \_\_\_\_\_ Contact Name: \_\_\_\_\_ Date: \_\_\_\_\_

Switch system function: \_\_\_\_\_  
\_\_\_\_\_

Program used on: \_\_\_\_\_. Q'ty of units first order: \_\_\_\_\_, units/year: \_\_\_\_\_. Total: \_\_\_\_\_

## DESIGN SPECIFICATIONS:

Switch type: \_\_\_\_\_, description: Limit \_\_\_\_, Push Button \_\_\_\_, Rotary \_\_\_\_, Proximity \_\_\_\_,  
SPST \_\_\_\_, SPDT \_\_\_\_, N.O. \_\_\_\_, N.C. \_\_\_\_, Diver Operated \_\_\_\_, ROV Operated \_\_\_\_, other: \_\_\_\_\_

Type of Service: \_\_\_\_\_

Electrical: Volts: \_\_\_\_\_, AC \_\_\_\_, DC \_\_\_\_, Amps \_\_\_\_\_,

Mechanical: Size Dimensions: \_\_\_\_\_, Pre Travel: \_\_\_\_\_, After Travel: \_\_\_\_\_,

Actuation Distance \_\_\_\_\_, Fail Safe Position \_\_\_\_\_, Other: \_\_\_\_\_

Ambient Pressure:

Operating Pressure: \_\_\_\_\_, Proof Test Pressure: \_\_\_\_\_, Design Burst Pressure: \_\_\_\_\_

Temperature range: Ambient: \_\_\_\_\_, Storage: \_\_\_\_\_ for a period of: \_\_\_\_\_

Acceptable materials: Metals: \_\_\_\_\_, Seals: \_\_\_\_\_, Trim: \_\_\_\_\_,

Lubricant: \_\_\_\_\_, Molding Materials: \_\_\_\_\_.

Underwater Connector / Molding preferences: Mfgr Model No. \_\_\_\_\_, Molded \_\_\_\_, R.A. \_\_\_\_,

Straight \_\_\_\_, Water Blocked \_\_\_\_, PBOF (pressure balanced oil filled ) \_\_\_\_, Open face pressure rated \_\_\_\_\_

Customer specification (or Hydracon specification): \_\_\_\_\_

Source Inspection? \_\_\_\_\_, (if yes, provide test procedure).

With special testing \_\_\_\_\_, cleaning \_\_\_\_\_, packaging \_\_\_\_\_, other \_\_\_\_\_

Notes: (response time, redundancy, number of cycles, accessories)

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Switch Des Req.doc