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Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



SECTION: Z5.00.115

ZM2685

0712

Supersedes

New

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NEMA 4X Control Panels with Transducer Based Level Controller



PANEL FEATURES:

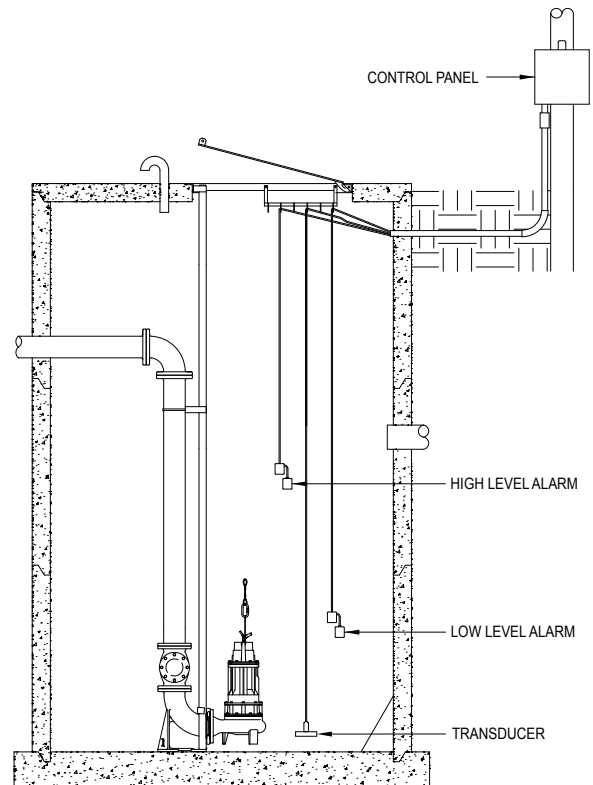
- NEMA 4X fiberglass enclosure; dead front with inner door
- UL 508A listing on control panel
- IEC horsepower rated starters, with motor protective switch IEC contactor and overload protection
- Fused control circuit transformer
- HAND/OFF/AUTO switches (heavy duty 22 mm)
- High water and low water pilot lights (22 mm)
- High water alarm beacon and horn for visual/audio warning
- Alarm Test/Normal/Silence Switch
- Auxiliary high water alarm contact
- Submersible pressure transducer with a 6 psi (13.8') operating range, 40' cable and 1/2" NPT rigid conduit connections.
- Two back up floats: low level cutout & high level alarm (not included)
- Moisture detection monitoring circuitry

CONTROLLER FEATURES:

- 4-20 mA level input with configurable zero and span (The unit of measure is configurable to feet, inches, and percentage or metric.)
- 20 segment bar graph display of wet well level
- 6 Programmable level set points (high water alarm, start lag pump, start lead pump, stop lag pump, stop lead pump, low level alarm)
- Alpha-numeric LED for process value display and program parameters
- Pump over temperature indication (2 modes: Lock Out Pump with Auto Reset, Lock Out Pump with Manual Reset)
- Seal-fail indication (3 modes: Indication Only, Lock Out Pump with Manual Reset, Run Pump as Lag Only)
- High level and low level indication (2 modes: Auto or Manual Reset)
- Elapsed time meter and cycle counter for each pump
- Pump alternation (Auto/1-2/2-1 selectable)
- Lag pump start delay (programmable 1-600 seconds)

OPTIONS:

- | | |
|---|---|
| <input type="checkbox"/> Alarm beacon flasher | <input type="checkbox"/> NEMA 3R steel enclosure |
| <input type="checkbox"/> Pump run dry contacts | <input type="checkbox"/> NEMA 4x stainless steel enclosure |
| <input type="checkbox"/> Lightning arrestor | <input type="checkbox"/> Automatic reversing (grinder pump only) |
| <input type="checkbox"/> Anti-condensation heater | <input type="checkbox"/> Intrinsically safe relays for back-up floats |
| <input type="checkbox"/> Extended transducer operating range and cable length | |



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