

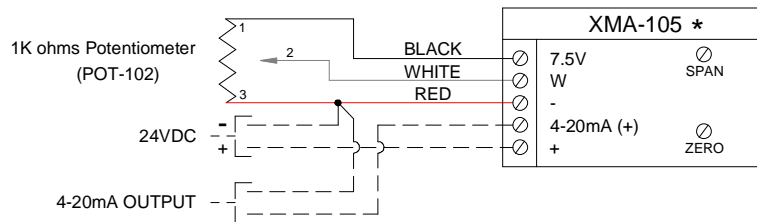
| | CLOSE | OPEN |
|---------|----------------------------------------------------------------------------------------------|------|
| CLS 1-2 | | |
| CLS 1-3 | | |
| OLS 1-2 | | |
| OLS 1-3 | | |
| CTS 1-3 | CLOSING TORQUE SWITCH INTERRUPTS CONTROLS IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE | |
| OTS 1-3 | OPENING TORQUE SWITCH INTERRUPTS CONTROLS IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE | |

CLS: CLOSE LIMIT SWITCH (250VAC, 6A MAX)
 OLS: OPEN LIMIT SWITCH (250VAC, 6A MAX)
 CTS: CLOSE TORQUE SWITCH (250VAC, 6A MAX)
 OTS: OPEN TORQUE SWITCH (250VAC, 6A MAX)
 TP: THERMAL PROTECTOR (250VAC, 6A MAX)

DENOTES CUSTOMER SUPPLIED ITEM

ACTUATOR SHOWN IN MID POSITION.

* MAX LOAD RESISTANCE ON XMA-105 IS 300 OHMS



| | | | | | |
|------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------|---------|----------|----------|
| FORUM ENERGY TECHNOLOGIES | | Valve Solutions ABZ Valves & Controls | | | |
| Title: Wiring Diagram | | | | | |
| Parts: ABZ 150 thru ABZ 250 Electric Actuator 120 VAC Single Phase (ON / OFF) XMA-105 Feedback Transmitter | | | | | |
| DWG No. | Date | Drawn | Checked | Approved | Revision |
| WS1525-A1A-C-X | 07-14-14 | TP | TP | TH | 0 |