

6. Associated apparatus must be installed in accordance with its manufacture's control drawing and article 504 of the National Electrical Code (ANSI/NFPA 70) for installation in the United States, or section 18 of the Canadian Electrical Code for installations in Canada.

7. The intrinsically safe device does not provide 500 V isolation with respect to earth. Associated apparatus used must be galvanically isolated or dual channel shunt zener diode barriers with linear outputs used channel to channel.

8. Associated apparatus must not be used in combination unless permitted by the associated apparatus certification.

9. Control equipment must not use or generate more than 250 V rms or dc with respect to earth.

10. Cable vent tube, if present, must be terminated in the hazardous area.

11. The approved device is provided with a permanently connected cable having the following characteristics:

Type: XLPE, Hytel or ETFE jacketed vented cable

Rated Voltage: 500V

Rated Current: 2.2A

Maximum Rated Temperature: 80C

Conductor size: 26 AWG

Insulation type:

Conductors: Polyethylene

Outer Jacket: XLPE, Hytel or ETFE (based on dd/Cable Type field per page 3 of control drawing)

Insulation thickness:

Conductors: 0.012" minimum

Outer Jacket: 0.025" minimum

12. Additional Ratings

Input Pressure Rating: 2000 psi max (Valueline only)

Operating Temperature: -10C to 60C, Ambient T4

Humidity: Up to 100%

Altitude: 2000m Max

Cleaning:

The device should be slowly lowered membrane-end first into a solution of warm, soapy water. Care should be taken not to submerge the entire device, unless it is specifically designed for continuous submergence. Agitate in the solution for 20-30 seconds or until the input/nosecap to the device is clear. Finish by stirring in fresh water. Wipe dry with a soft rag or towel. A soap scum and hard-water stain remover may also be used, if necessary, but only after compatibility with any o-ring seals in the KELLER product is determined. Follow the solvent manufacturer's recommendations for safe handling.

### Intrinsically Safe / Sécurité intrinsèque

WARNING: Approved devices may optionally contain titanium. Care must be taken in the installation to avoid an ignition hazard due to impact or friction.

AVERTISSEMENT : Les dispositifs approuvés peuvent éventuellement contenir titane. Il faut veiller à ce que l'installation ne soit pas un risque d'inflammation dû à un choc ou à un frottement

Rev. B	8-7-23	MTB	Attention! This is an agency-approved drawing! All revisions must be submitted for agency approval.			
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TITLE			DWN BY		DWN	7-18-23
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SERIES			351 BELL KING ROAD NEWPORT NEWS, VA 23606			DWG #
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