

Technical Datasheet

Chemical gas systems - FSL 1230™ / FSL 5112™



Electrical Testing / Integrated Solenoid

Solenoid securing nut

Tighten to 5 Nm only (little more than finger tight)

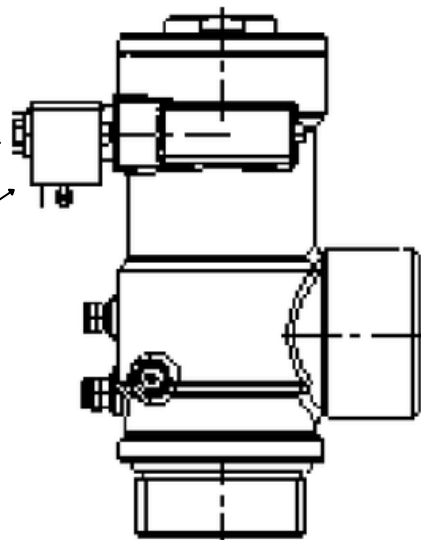
Solenoid

24V DC, 0.25A ± 10%, 6 W (82 ohms)

IP 65 Continuously rated

Connect across terminal 1 & 2

(Kentec control panel EOL diode 1N4004 band end to +)



Electrical Connection procedure

1. Wire release circuit to Solenoid plug before fitting plug to solenoid.
2. Check circuit
3. Unscrew 'solenoid securing nut' and slide 'solenoid' from spindle
4. Connect plug to solenoid
5. Insert steel rod/bolt through solenoid and note that it slides freely.
6. Activate the release circuit and note that the rod is magnetized to the solenoid.
7. Reset the control panel and note that the rod slides freely.
8. Slide the solenoid over the valve spindle and retain with the solenoid securing nut.

DO NOT over tighten or bend the valve spindle.

To actuate the valve, the integrated solenoid shall be energized for at least 10 seconds