

## 8900 Multi-Parameter Controller

### Instruments:

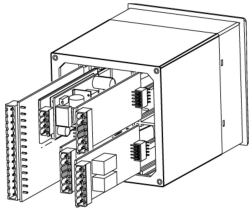
- Display: Backlit LCD, 2x16 alphanumeric characters
- Sensor Input: Up to 6 inputs, Analog or Digital (S3L) or Pulse (2 max for pulse)
- Analog Output: Up to Four, 4-20mA isolated, passive/active option or 0-5VDC or 0-10VDC
- Relay/Solid-State Output: Up to 4 Internal and up 2 or 4 more external contact relays (via 8059)
- Compatible Sensors: All Signet Digital/Pulse Output Flow Sensors, 2250, 2350, 2450, 2750, 2850, 8058-x

| MFR #         | *        | Description                                | Inputs                             |
|---------------|----------|--------------------------------------------|------------------------------------|
| 3-8900        | Required | Base Unit with LCD                         | Base unit                          |
| 3-8900.401-1  | Required | Two inputs, no outputs                     | 2 Frequency or 2 S3l or 2 4-20mA   |
| 3-8900.401-2  | Required | Two inputs, two passive 4 to 20mA outputs  | 2 Frequency or 2 S3l or 2 4-20mA   |
| 3-8900.401-3  | Required | Two inputs, two active 4 to 20mA outputs   | 2 Frequency or 2 S3l or 2 4-20mA   |
| 3-8900.401-4  | Required | Two inputs, two 0 to 5/10 VDC outputs      | 2 Frequency or 2 S3l or 2 Volt-age |
| 3-8900.401-5  | Required | Four inputs, no outputs                    | 2 Frequency or 4 S3l or 4 4-40mA   |
| 3-8900.401-6  | Required | Four inputs, two passive 4 to 20mA outputs | 2 Frequency or 4 S3l or 4 4-40mA   |
| 3-8900.401-7  | Required | Four inputs, two active 4 to 20mA outputs  | 2 Frequency or 4 S3l or 4 4-40mA   |
| 3-8900.401-8  | Required | Four inputs, two 0 to 5/10 VDC outputs     | 2 Frequency or 4 S3l or 4 Volt-age |
| 3-8900.401-9  | Required | Six inputs, no outputs                     | 2 Frequency or 6 S3l or 6 4-40mA   |
| 3-8900.401-10 | Required | Six inputs, two passive 4 to 20mA outputs  |                                    |
| 3-8900.401-11 | Required | Six inputs, two active 4 to 20mA outputs   | 2 Frequency or 6 S3l or 6 4-40mA   |
| 3-8900.402-1  | Required | 85 to 264 VAC power                        | 110/240 VAC                        |
| 3-8900.402-2  | Required | 12 to 24 VDC power                         | 12/24 VDC                          |
| 3-8900.403-1  | Optional | Two dry-contact relays                     |                                    |
| 3-8900.403-2  | Optional | Two solid-state relays                     |                                    |
| 3-8900.405-1  | Optional | Two passive 4 to 20mA outputs              |                                    |
| 3-8900.405-2  | Optional | Two active 4 to 20mA outputs               |                                    |

| Output          | Communica-<br>tion Interface | Voltage     | Code               |
|-----------------|------------------------------|-------------|--------------------|
|                 |                              |             | <b>159 000 868</b> |
|                 |                              |             | <b>159 000 870</b> |
| Analog 4-20 mA  | Analog 4-20 mA               |             | <b>159 000 871</b> |
| Analog 4-20 mA  | Analog 4-20 mA               |             | <b>159 000 872</b> |
| 0-5 or 0-10 VDC | 0-5 or 0-10 VDC              |             | <b>159 000 873</b> |
|                 |                              |             | <b>159 000 874</b> |
| Analog 4-20 mA  | Analog 4-20 mA               |             | <b>159 000 875</b> |
| Analog 4-20 mA  | Analog 4-20 mA               |             | <b>159 000 876</b> |
| 0-5 or 0-10 VDC | 0-5 or 0-10 VDC              |             | <b>159 000 877</b> |
|                 |                              |             | <b>159 000 968</b> |
|                 |                              |             | <b>159 000 969</b> |
| Analog 4-20 mA  | Analog 4-20 mA               |             | <b>159 000 970</b> |
|                 |                              | 110/240 VAC | <b>159 000 878</b> |
|                 |                              | 12/24 VDC   | <b>159 000 879</b> |

# Data sheet

valid from: 6/29/21



| Output            | Communica-<br>tion Interface | Voltage | Code               |
|-------------------|------------------------------|---------|--------------------|
|                   |                              |         | <b>159 000 880</b> |
|                   |                              |         | <b>159 000 881</b> |
| Analog 4-20<br>mA |                              |         | <b>159 000 883</b> |
| Analog 4-20<br>mA |                              |         | <b>159 000 884</b> |

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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