



## **FQ2-D30**

URL:<https://www.sxplc.com/fq2-d30>

### **Product data sheet**

|                              |                                    |   |  |
|------------------------------|------------------------------------|---|--|
| Number of connectable Sensor |                                    | Number of sensors that can be recognized (switched): 32 max. number or sensor that can displayed on monitor: 8 max. |  |
| Main functions               | Types of measurement displays      |   | Last result display, Last NG display, trend monitor, histograms                                      |
|                              | Types of display images            |   | Through, frozen, zoom-in, and zoom-out images  |
|                              | Data logging                       |   | Measurement results, measured images   |
|                              | Menu language                      |   | English, German, French, Italian, Spanish, Traditional Chinese, Simplified Chinese, Korean, Japanese |
| Indications                  | LCD                                | Display device  | 3.5-inch TFT color LCD   |
|                              |                                    | Pixels  | 320 × 240  |
|                              |                                    | Display colors  | 16.7 million   |
|                              | Backlight                          | Life expectancy *1  | 50,000 hours at 25°C   |
|                              |                                    | Brightness adjustment   | Provided   |
| Screen saver                 |                                    | Provided  |  |
| Operation interface          | Touch screen                       | Method  | Resistance film  |
|                              |                                    | Life expectancy *2  | 1,000,000 touch operations   |
| External interface           | Ethernet                           |   | 100BASE-TX/10BASE-T  |
|                              | SD card                            |   | SDHC-compliant, Class 4 or higher recommended  |
| Ratings                      | Power supply voltage               |   | DC power connection: 21.6 to 26.4 VDC (including ripple)   |
|                              | Continuous operation on Battery *3 |   | ---  |
|                              | Power consumption                  |   | DC power connection: 0.2 A max.  |
| Environmental immunity       | Ambient temperature range          |   | Operating: 0 to 50°C<br>Storage: - 25 to 65°C<br>(with no icing or condensation)                     |
|                              | Ambient humidity range             |   | Operating and storage: 35% to 85% (with no condensation)   |
|                              | Ambient atmosphere                 |   | No corrosive gas   |
|                              | Vibration resistance (destruction) |   | 10 to 150 Hz, single amplitude: 0.35 mm, X/Y/Z directions<br>8 min each, 10 times                    |
|                              | Shock resistance (destruction)     |   | 150 m/s <sup>2</sup> 3 times each in 6 direction (up, down, right, left, forward, and backward)      |
| Degree of protection         |                                    | IEC 60529 IP20 (when SD card cover, connector cap, or harness is attached)  |  |

