

FTS  
**DIGIBP SDI-12 BAROMETRIC PRESSURE SENSOR  
(SDI-BP-1)**



The DigiBP SDI-12 barometric pressure sensor is a highly accurate, solid state pressure transducer with a normal operating range of 500 to 1100 hPa. It offers SDI-12 output as well as the following benefits:

- Excellent calibration stability
- Durable aluminum case
- Low power consumption
- Auto standby

Compared to analog sensors, DigiBP provides better lightning protection, noise immunity, and direct conversion to standard pressure units. The rugged construction makes it ideal for remote monitoring applications.

| Technical Specifications    |                                 |
|-----------------------------|---------------------------------|
| Type                        | Solid state pressure transducer |
| Range                       | 500 to 1,100 hPa                |
| Resolution                  | 0.01 hPa                        |
| Accuracy                    | ±0.2 hPa (@ 25°C)               |
| Interface                   | SDI-12                          |
| Voltage                     | 8 to 28 VDC                     |
| Current                     | <10mA active, <0.5mA standby    |
| Operating Temperature Range | -40°C to +60°C                  |
| Operating Humidity Range    | 0% to 100% RH                   |
| Weight                      | 1.1 lbs (500 g)                 |
| Environmental Protection    | IP67                            |