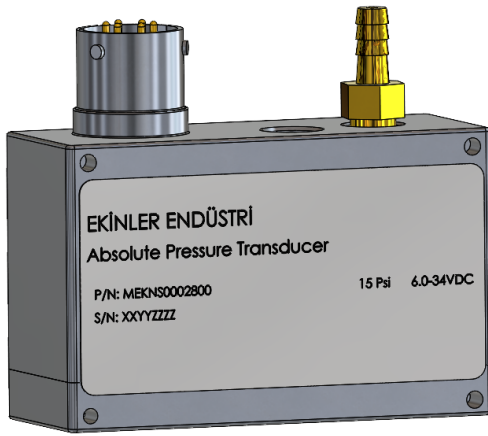




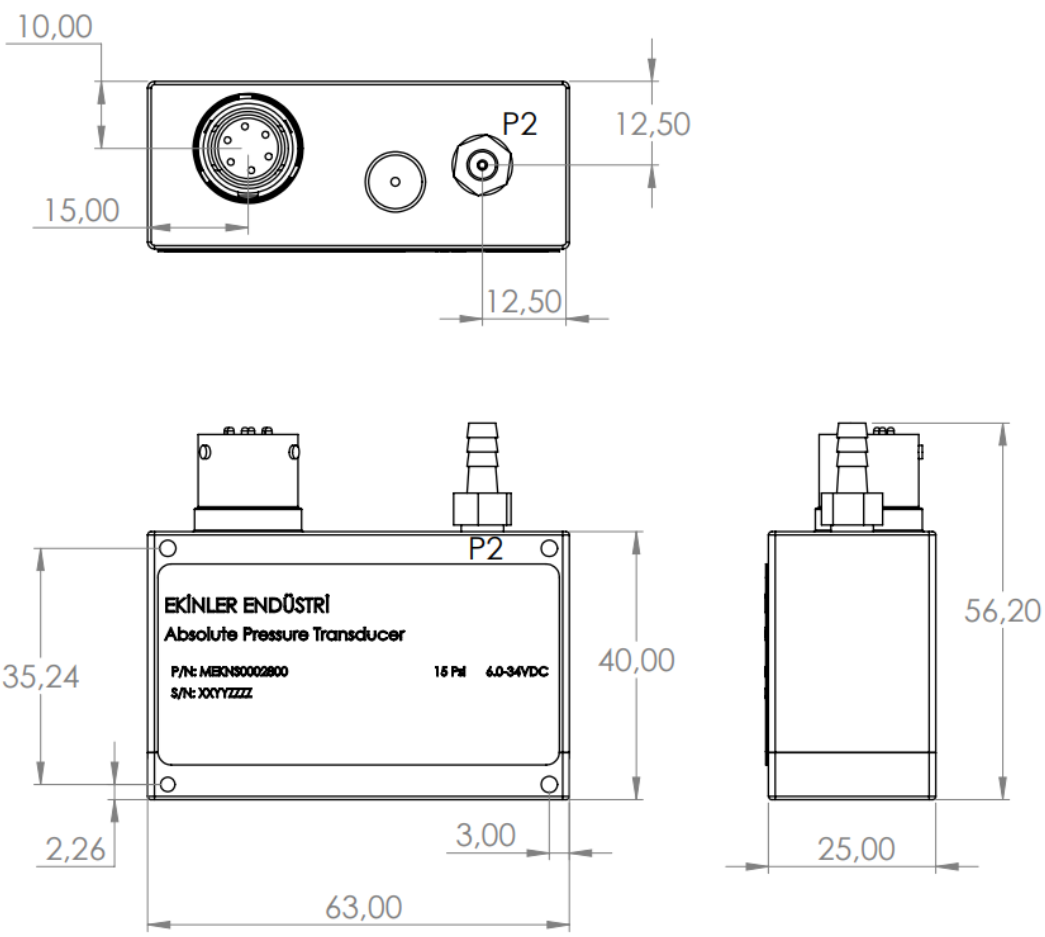
GENERAL INFORMATION

The Ekinler Absolute Pressure Transducer is a compact, high-performance device designed for precise measurement of absolute pressure in demanding industrial and aerospace applications. Manufactured with advanced silicon sensor technology, the transducer offers superior accuracy, long-term stability, and fast dynamic response. Its small size allows easy integration into systems with limited installation space, while maintaining reliable performance across a wide range of pressures and operating conditions. The transducer is available with multiple electrical connection options and output configurations to meet various application requirements.

FEATURES

Ekinler P/N	MEKNS0002800
Full Scale Pressure Range	0-16 PSI
Overpressure	48 PSI
Accuracy	±0.075%FS
Type	Absolute 0 to 16 PSI
P1 Pressure Connection	Brass barbed (1/8 inch ID tubing)
P2 Pressure Connection	N/A
Mating Connector	MS3116F10-6S
Supply Voltage Range	6.0-34VDC
Temperature Range	-55 °C to 85 °C
Output	RS485 Digital
Baudrate	Adjustable (9600 – 115200 bps)
Long term stability (at ambient temperature) [mbar/5years]	±0.5

MECHANICAL INTERFACE



ELECTRICAL INTERFACE

Pin	Name
A	RS-485 (B)
B	RS-485 (A)
C	Case Ground
D	Common Ground
E	DC Power Input
F	-

