



Technical Specification of E-Val Pro Module	
Operating Range:	From +5 to +50 °C
Environmental:	0 - 90% RH, non-condensing
Sample Rate:	1 sec to 24 Hours
Weight:	3.0 kg (including battery and 40 channels)
Power Consumption:	Less than 9 Watts (40 temperature sensors)
Memory:	40 channels 1 sec sample rate in 8 hours for 10 sessions
Number of channels:	40 channels
Temperature:	
Measuring Range:	-200 to +1,300 °C (ready for -270 °C to +1,820 °C) depending on sensor type
Measuring Range type T:	-200 to +400 °C (type T)
Measuring Accuracy at 23 °C:	±0.05 °C
Total System Accuracy at 23 °C:	±0.10 °C
Resolution:	0.01 °C
Pressure:	
Measuring Range:	0 to 4 Bar ABS
Measuring Accuracy:	±0.15% FS
Resolution:	1 mbar
Deflection:	
Measuring Range:	-8 to +8 mm
Resolution:	0.01 mm
Other Parameters:	
Measuring Range:	4 - 20 mA or 0 - 10V



Technical Specification of E-Val Flex module	
Operating Range:	From +5 to +50 °C
Environmental:	0 - 90% RH, non-condensing
Sample Rate:	1 sec to 24 Hours
Weight:	1.9 kg (including battery and 40 channels)
Power Consumption:	Less than 5 Watts
Number of channels:	16 channels
Temperature:	
Measuring Range:	-200 to +400 °C
Measuring Accuracy at 23 °C:	±0.05 °C
Total System Accuracy at 23 °C:	±0.10 °C
Resolution:	0.01 °C
Pressure:	
Measuring Range:	0 to 4 Bar ABS
Measuring Accuracy:	±0.15% FS
Resolution:	1 mbar
Deflection:	
Measuring Range:	-8 to +8 mm
Resolution:	0.01 mm