
















Mettler-Toledo Foundation Terminals POCKET GUIDE

															
Communications											X			X	
Standard Serial Ports	1	1	1	1	1	3 RS32+ PS/2	1	1	1	1	3	1	1	2	2
# Optional Ports	0	0	1 (RS232/RS485, Ethernet, Digital I/O)	1 (RS232/RS485, Ethernet, Digital I/O)	1 (RS232/RS485, Ethernet, Digital I/O)	Ethernet, 485, Digital I/O	1 (RS232/RS485, Ethernet, Digital I/O)	1 (RS232/RS485, Ethernet, Digital I/O)	1 (RS232/RS485, Ethernet, Digital I/O)	1 (RS232/RS485, Ethernet, Digital I/O)	0	3	8	2	2
RS232	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RS422	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•
RS485	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•
20mA Current Loop	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-
Ethernet	-	-	•	•	•	•	•	•	•	•	-	•	•	•	•
USB	-	-	•	•	•	•	•	•	•	•	-	•	•	-	Master
Bluetooth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WLAN	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-
Barcode Input	-	-	-	-	-	•	-	-	-	-	•	•	•	•	•
PLC Interfaces															
Analog Output	•	•	-	-	-	-	-	-	-	-	•	•	•	•	with A100
RIO	•	-	-	-	-	-	-	-	-	-	-	•	-	•	•
Profibus	•	-	-	-	-	-	-	-	-	-	-	•	-	•	•
ControlNet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
EtherNet/IP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
Modbus	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DeviceNet	Via DNB	-	-	-	-	-	-	-	-	-	-	• (Coming soon)	-	Via DNB	• (Coming soon)
Discrete I/O															
Setpoint Output	•	•	-	-	•	•	-	-	•	•	•	•	PAC dependent	•	•
Internal I/O discrete	1 In / 3 Out	1 In / 3 Out	-	-	-	-	-	-	-	-	3 In / 5 Out	4 In / 6 Out	-	4 In / 4 Out	2 x 4 In/4 Out
Max. Discrete I/O	1 In / 3 Out	1 In / 3 Out	-	-	4in/4 out	4in/4 out	4in/4 out	4in/4 out	4in/4 out	4in/4 out	3 In / 5 Out	12 In / 18 Out	40 in/ 40 out	12 In / 12 Out	40 in / 56 out
Application SW															
Unit Switching	lb, kg, g, lb-oz, oz, ozt, dwt, t, T	lb, kg, g, lb-oz, oz, ozt, dwt, t, T	g, kg, lb, oz, t	g, kg, lb, oz, t	g, kg, lb, oz, t	g, kg, lb, oz, t, custom	g, kg, lb, oz, t	g, kg, lb, oz, t	g, kg, lb, oz, t	g, kg, lb, oz, t	g, kg, lb, oz, lb-oz, oz, ozt, dwt, t, ton, custom	g, kg, lb, oz, lb-oz, ozt, dwt, t, ton, custom	g, kg, lb, oz, ozt	g, kg, lb, oz, lb-oz, ozt, dwt, t, ton, rate custom, sum	g, kg, lb, oz, lb-oz, ozt, dwt, t, ton, custom
MinWeigh™	-	-	•	•	•	•	•	•	•	•	-	•	•	-	•
Time & Date	-	•	-	-	•	•	-	-	•	• (+)	-	•	•	-	•
ID Entry	-	-	-	-	•	•	-	-	•	•	10 Fixed of 40 char	•	Yes, PAC dependent	20 Fixed of 40 char	•
Rate measurement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
# of Setpoints	2	2	-	-	-	-	-	-	-	-	4 Simple	25	PAC dependent	12 Full Featured	Memory Dependency
Totalizing	-	-	-	-	•	•	-	-	•	•	•	•	Flexible, various options	JagBasic™	•
Tare / Target Storage	-	10	-	-	99	1500	-	-	99	99	99	25	999	JagBasic™	Memory Dependency
Counting	-	-	-	•	•	•	-	•	•	-	-	-	•	JagBasic™	-
Dynamic Weighing	-	-	•	•	•	•	•	•	•	-	-	-	•	-	-
Alibi Memory	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-
Vibration Damping	TraxDSP™	TraxDSP™	•	•	•	•	•	•	•	•	TraxDSP™	TraxDSP™	•	TraxDSP™	TraxDSP™
Programming	-	-	-	-	-	-	-	-	-	-	-	TaskExpert™	•	JagBasic™	TaskExpert™
OIML/NTEP Approval level	OIML: Class III 5,000e / NTEP: Class III 10,000d	OIML: Class III 5,000e / NTEP: Class III 10,000d	OIML: Class III 7,000e / NTEP: Class III 10,000d	OIML: Class III 7,000e / NTEP: Class III 10,000d	OIML: Class III 7,000e / NTEP: Class III 10,000d	OIML: Class III 7,000e / NTEP: Class III 10,000d	7000e OIML / 10000d NTEP	7000e OIML / 10000d NTEP	7000e OIML / 10000d NTEP	7000e OIML / 10000d NTEP	OIML: Class III 6,000e / NTEP: Class III 10,000d	OIML: Class II 100,000d, Class III 10,000e / NTEP: Class II 100,000d Class III 10,000d	OIML: Class II 32000e, Class III: 10000e	OIML: Class III 10,000e / NTEP Class II 100,000d Class III 10,000d	OIML: Class II depend on platform, Class III: 10,000e NTEP: Class II 100,000d, Class III 10,000d