

DD700 RACK

WEIGHING TERMINALS AND CONTROL UNITS



Declaration
of Conformity



CE metrological
approval
(Directive 2014/31/EU)



Certification
OIML R76-1

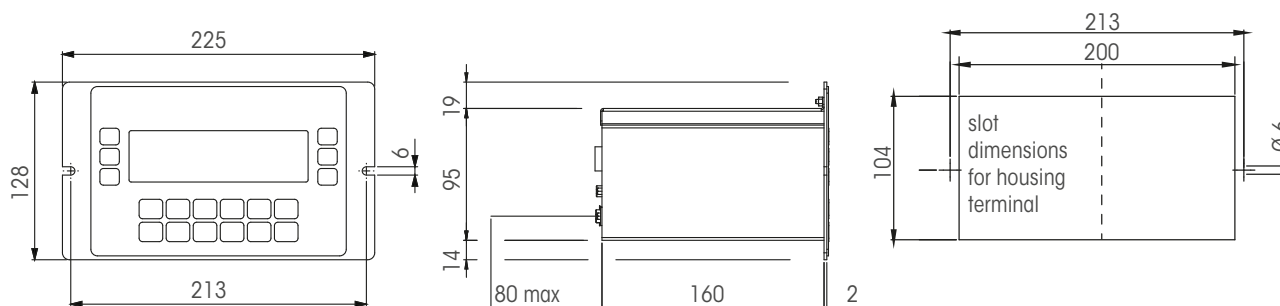
DD700 RACK is the ideal product for industrial automation systems since it can easily be mounted on a panel and integrated with control cabinets. Thanks to application software for process controls, it permits making automatic batching systems without using a PLC. Available in a version with a 12-24V power supply, analogue output and PROFIBUS, PROFINET and Ethernet/IP fieldbus cards.



RACK VERSION



DD700 RACK VERSION



TECHNICAL FEATURES

COMMUNICATION PORTS	x1 RS232 x1 RS232/RS485/RS422 x1 USB-Host for USB keyboards and memory sticks x1 USB-Client for connecting to a PC x2 Digital inputs x2 Digital outputs (max 24 VDC/VAC, 190mA)
MAX NUMBER OF DIGITAL LOAD CELLS	12
MAX NUMBER OF SCALES	x1 digital, x2 analogue (multiplex)
MAX NUMBER OF ANALOGUE LOAD CELLS	Up to 12 analogue load cells of 350 ohm per scale
LOAD CELL POWER SUPPLY	5VDC
MAXIMUM RESOLUTION IN APPROVED VERSION	6000 and OIML (x2 4000e, x3 3000e)
WORKING TEMPERATURE	-10°C / +40°C
STORAGE TEMPERATURE	-20°C / +70°C
STORAGE TEMPERATURE (MAX NON-CONDENSED RELATIVE HUMIDITY)	-20°C / +70°C RH %
DISPLAY	135x32 mm backlit graphic

VERSION	DD700	DD700ic	DD700i	DD700 RACK	DD700 SELF
POWER SUPPLY	12 VDC / 110-240 VAC	12 VDC / 110-240 VAC	12 VDC / 110-240 VAC (24VDC optional)	12 VDC (24VDC optional)	110-240 VAC
FRONT PROTECTION	IP65	IP65	IP69K	IP65	IP65

OPTIONS

Analogue output 0-10VDC, 4-20mA
Profibus DP
Profinet
Ethernet/IP
Ethernet TCP/IP
WIFI (External)
4 inputs / 4 opto-isolated outputs
MPP Alibi Memory
Multicolour LED bar (DD700i only)
Power supply 12-24VDC (DD700i and DD700 Rack only)
Additional analogue scale input (multiplex)