

PENKO ENGINEERING B.V.

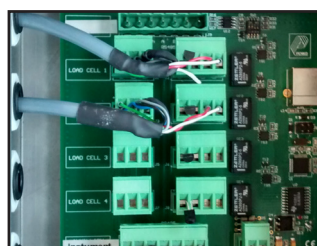
SMART JUNCTION BOX - PROTOTYPE RELEASE



ELECTRICAL	
Power Supply	Powered by 5VDC load cell supply voltage Optional external 5VDC $\pm 10\%$ DC Current consumption 30-200mA
User Interface	
LED's	1 x LED alive heartbeat
Interfaces	
Load Cell	4 x 6 wire load cell input interface + earth, connector MSTB 4 x TEDS interface, connector MSTB 6 wire load cell output interface + earth, connector MSTB
Communication	Non-isolated RS485 interface Non-isolated USB device interface
Switches	
Relay	4x bi-stable Dual pole relay Switching capacity 1A @ 30VDC resistive load
Housing	
Material	Stainless steel enclosure
Size	180 x 150 x 95mm (WxHxD) excluding cable glands
Cable Glands	4 x PG9 for load cells 1 x PG9 for indicator
Mounting Holes	157 x 125mm diameter 6mm
ENVIRONMENTAL	
Operating temperature	-10°C to +40°C [14°F to 104°F]
Storage temperature	-20°C to +70°C [-4°F to 158°F]
Relative humidity	40 - 90% non-condensing
Ingress Protection	IP65
Internal Flash	64kB for storing 1020 or FLEX range
APPROVALS	
CE	Industrial CE
UL	Pending



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Excluding cable glands
Stainless steel enclosure



4 x 6 Wire load cell input
4 x TEDS interface

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