

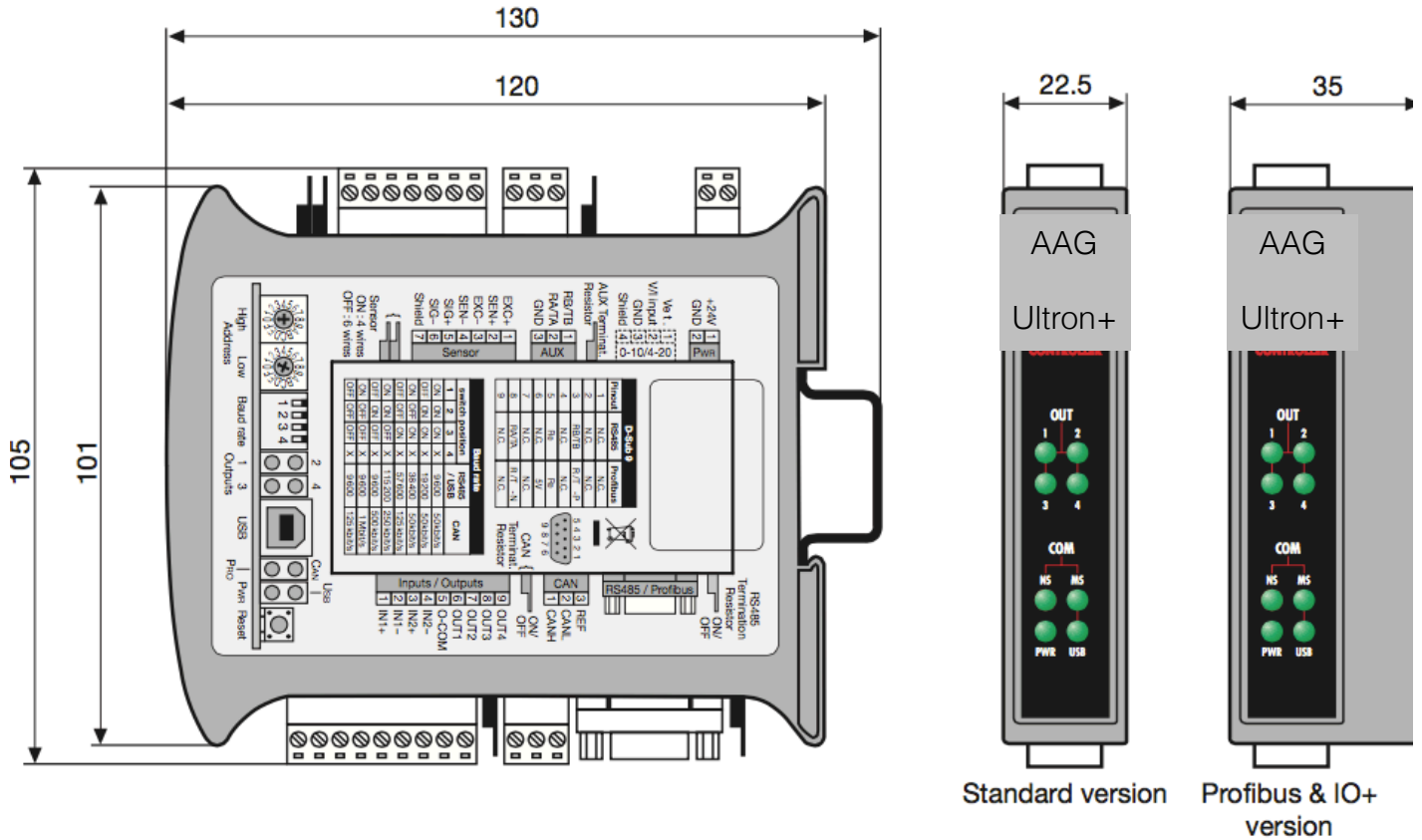
Technical Specifications of Ultron+ Controller BW, SFM



REVISION: R0

S/W_VERSION: 1.0

1) Smart Controller-



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TECHNICAL SPECIFICATIONS			
GENERAL			
Power Supply			11.5.....28VDC
Max. Supply Current			250@11.5VDC - 150@28VDC
Bridge Exc Voltage			5 VDC
Input Sensor Range			+/- 7.8 mV/V
Min. Input Sensor resistance			42 ohm
Min. Signal by division			0.02microVolt
Sensor Connection			4/6 Wires
METROLOGICAL			
Accuracy Class			+/- 0.005 % FS
Thermal Zero Shift			+/- 0.00015 typ. %/degC
Thermal Span Shift			+/- 0.0002 typ. %/degC
Internal resolution			24 bits
Scaled measure resolution			+/- 5000 000 pts
Conversion Rate			480 Hz
Nominal temperature range			-10 deg C/+40 deg C
DIGITAL INPUTS/ OUTPUTS			
Pulse Input Encoder			Max 4 kHz
TTL Range Low/High			0...0.5/2.4...5 VDC
HTL Range Low/High			0...2.5/5...24 VDC
Supply Output(Speed Sensor			10....28VDC/25mA max.

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TECHNICAL SPECIFICATIONS		
Digital Outputs	4	53VDC max./400mA max
COMMUNICATION		
2 RS485		Half Duplex
Baud rate/ Protocols		9600....115200 bauds/ Modbus-RTU
1 USB		2.0
1 CANbus		CAN 2.0A
Baud rate/ Protocols		50....1 000/CANopen R
APPLICATIONS		
Belt Weigher, Solid Flow Meter		
OPTIONS		
1 Profibus		
Baud rate/ Protocols		9600....12000 Mbps / Profibus DP V1

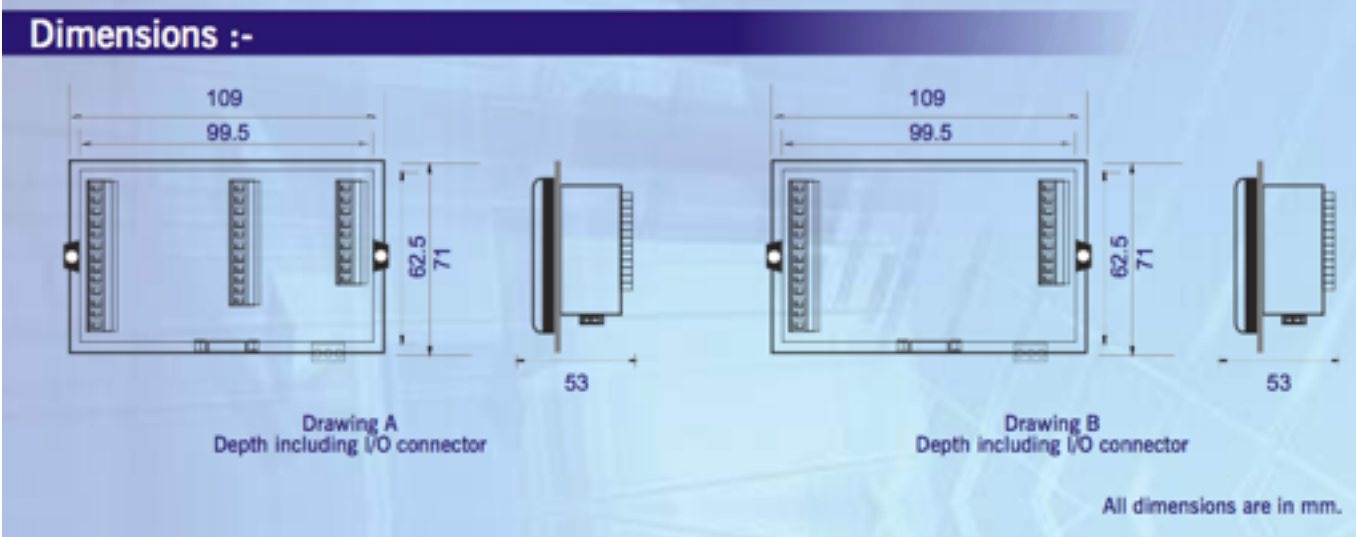
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2) HMI 3”-



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Type	3 inch Monochrome with Multicolour Backlit
Dimensions	71 mm (H) x 109 mm (W) x 53 mm (D)
Panel cutout	62.5 mm (+0.5/-0) H x 99.5 mm (+0.5/-0) W
Weight	300 g
Internal memory	1 MB
Memory interface	USB
Serial (COM1)	RS -232 C ,transmission distance 15 mtrs max, 9 pin D type connector
Serial (COM2)	RS-232C/422A/485 (not isolated),transmission distance 15 mtrs for RS-232C and 500 mtrs for RS-422A/485 , 9 pin D type connector
Operating voltage range (Supply voltage)	20.4 to 27.6 vdc (24vdc)
Power consumption	11 W
Approvals	IP 66, CE, ROHS Compliant, UL Approved
Ambient operating temp	0 to 50 deg C
Ambient operating humidity	10% to 90% RH (without condensation)

3) Inbuilt I/O's-

Analog O/P	1 (4-20mA / 0-10VDC)
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