

DM650PM FIELD/WALL MOUNTED PRESSURE DISPLAY

Basic display mode	Update rate Display variable options Temperature units Alert LED	1 s, 5 s Input, input + units, input + units + temperature °C or °F
Advanced display mode *1	Display variable (see basic mode) with messaging options	
Battery monitor	Alert LED plus message	Relay option link in software
Logger	Set device passkey number Clear, start new log	Device passkey is used to protect the NFC interface.
Other device options	Synchronise clock Write tag, contact address Read, reset maximum and minimum input values Latitude longitude settings	
Relay control	Name(s) Action Setpoint Dead band Latch	10 characters High, low, band, low battery, on, off In engineering units In engineering units On, off
Live data	Read sensor pressure Read displayed value Read sensor temperature Relay 1 state. Relay 2 state Time and date	bar Selected engineering unit °C
*1 Only use advanced display above -5°C ambient temperature, below use basic display		

USB LOGGER USER INTERFACE		
Type / options / function	Description	Notes
Logger hardware	USB Mini B port	Cable not included
Logger software	USBLogLink	Download www.status.co.uk
Operating system	Microsoft Windows	Win 7 or later
Logger	Start/set log parameters	Interval, rate, (delay) start, number of points, rolling or fixed log
	Read log parameters	
	Stop, start new log Synchronise device clock Reset maximum and minimum Synchronise, read clock	
	View log data, graph log data	Save data to CSV file

NFC LOGGER USER INTERFACE ANDROID		
Type / options / function	Description	Notes
Logger software	NFCLogLink	@ Google Play Store
Operating system	Android V4.4 Kitkat or later	NFC enabled
Logger	Start, set log parameters	Interval, rate, (delay) start, number of points, rolling or fixed log
	Read log parameters	
	Stop, start new log Synchronise, read clock Reset maximum and minimum	
	View log data, graph log data	Save data to text file
	Transfer data via email etc.	Standard Android functions

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GENERAL	
Function	Description
Update rate	1 or 5 seconds
Relay response time	< 10 seconds
Battery	1 x (AA 3.6 V lithium)
Battery life	1 year minimum @20°C (longer depending on options selected)
Clock accuracy	±2 seconds per month typically

ENVIRONMENTAL	
Function	Description
Ambient housing temperature	Operating/storage (-30 to 70)°C
Ambient sensor temperature	Operating (-40 to 110)°C
Ambient humidity	Operating/storage (10 to 90) %RH non-condensing
Protection	IP67, cable entry must be sealed to IP67
USB configuration ambient	(10 to 30)°C

CONNECTIONS	
Sensor to process	¼ inch BSP male with adaptor options (see accessories)
Output relay	Two-part screw connectors
USB connection	USB mini B port

MECHANICAL	
Enclosure (case)	ABS, grey base, grey clamp ring, side or base mount options
Display cover	Polycarbonate, clear
Case entry	1 x M20 female thread, blanking plug supplied
Front bezel diameter	65 mm
Weight (approximate)	250 g
Material in contact with media	Stainless steel 316L
O-ring	Viton

APPROVALS	
EMC	BS EN 61326
Ingress protection	BS EN 60529
RoHS	Directive 2011/65/EU