


Notes.

- Equipment must be installed and used in accordance with EN60079-14.
- F809F-Plus Fieldbus Diagnostic Module may optionally be connected to provide diagnostic capability. The F809F-Plus is separately certified Ex nA IIC T4 Gc.
- 9192-FP Fieldbus Power Supply is separately certified Ex nA IIC T4 Gc.
- F304, F308 and F312 Megablocks are separately certified Ex nA [ic] T4 Gc. Megablocks may optionally be fitted with F97 fieldbus terminators.
- 918x Series Fieldbus Power Supply Carriers (comprising 9192-FP and optional F809F-Plus) are separately certified and may be installed in Zone 2 in accordance with its certificate.
- 918x Series Fieldbus Power Supply Carriers may optionally provide 9192-FP Power Supplies in a redundant configuration.
- Host H1 card is uncertified but must be supplied power from an EN61010 or EN60950 compliant PSU. Host H1 card may be installed in a Zone 2 Hazardous Area if protected by a suitable Ex protection method.
- Optional second F30 & F3xx Megablock may be connected on the Fieldbus trunk.
- Temperature Classification of Fieldbus devices to be from individual product certificates.
- Safety Parameters of the Ex ic Fieldbus spurs are :

$U_o = 17.5V$	Gas Groups	IIC	IIB	IIA
$I_o = 56mA$	Co	80nF	80nF	80nF
	Lo	0.15mH	0.26mH	0.26mH
	Po	1.344W	1.792W	

Spurs are compatible with Entity and FISCO certified field devices.

- Fieldbus device certification may be Ex ia, Ex ib or EX ic.
- The Trunk/Spur partition (MTL part number F300-A01) must be installed on each Megablock. Refer to Megablock certification for further details.
- F3xx Megablock & F30 Ex ic Adaptor must be mounted in an enclosure with \geq IP54 rating.

1	11.13		Scale N/A	Copyright Reserved Written Permission To Copy Should Be Obtained	Measurement Technology Ltd, Luton, England 	Title INSTALLATION DRAWING FOR THE F30	Drg. No SCI-1073	Iss. 1
Iss	Date	Modification	Tolerance \pm N/A					