

Product Information

FMA 200C

Digital Flowmeter

The FMA 200C is a highly accurate and reliable instrument to monitor pressurized cables. It may be used as a local measuring device or as an addressable sensor within the LANCIER monitoring system. The airflow measurement is pressure-independent at a range of 0 - 200 l/h. Actual values are shown at the 3 digit LC-display with a resolution of 1 l/h. The FMA 200C signals the exceeding of programmed thresholds by means of a signal LED and the closing of an alarm relay contact. A built-in key is used to acknowledge the local signal. The distribution block with integrated electrical and pneumatical bus system can house up to

five FMA 200C without the need of costly connectors. Old LANCIER distribution blocks with mechanical flow meters can be conveniently replaced one-to-one.

The distribution block can also be installed into swivelling frames and frontdoors of pressurization equipment as well as into 19"- wall-mount-cabinets and into the RTS 2802.



Technical Data

Measuring range	0 - 200 l/h
Display resolution	1 l/h
Max. measuring error	±3 % FS, ±1 Digit at +20 °C
Max. temperature drift	±0.15 % FS/°C
Operating pressure	0 ... 1 bar
Operating voltage	36 ... 72 V= / 2,5 VA
Operating temperature	0 ... +50 °C
Storage temperature	-30 ... +80 °C
Admissible humidity	0 .. 95 % rel. humidity, non-condensing
Signal output	dry contact, max. 100 V= / 0.1 A=
Remote reading	Tx-bus
Frequency range	1000 Hz ... 2000 Hz
Resolution	1 Hz 0.2 l/h
Dimensions	
Flowmeter (WxDxH)	64.2 x 106.2 x 110.2 mm
Manifold block (WxDxH)	322 x 150 x 110.2 mm
Weight	
Flowmeter	approx. 0.18 kg
Manifold block equipped with 5 flowmeters	approx. 1.80 kg

Ordering Data

Digital Flowmeter FMA 200C Module with display and keys. Signal output via dry contacts.	Order-no. 064952.100
Distribution block	
equipped with 1 FMA 200C	064950.101
equipped with 2 FMA 200C	064950.102
equipped with 3 FMA 200C	064950.103
equipped with 4 FMA 200C	064950.104
equipped with 5 FMA 200C	064950.105
19" installation kit for one distribution block (for installation into 19" wall-mount cabinets and front doors of RTS equipment)	064955.000
Pneumatic installation kit for one FMA 200C (Output connector for new RTS equipment, 19" wall-mount cabinets and expansions)	065898.000
Common input air filter (for installation into PE 10/7 hose when connecting to cable type PWE2Y)	071011.000
Blindplate 19", 2.5 HU	064498.000