Programmable switching–Multiplexer

MUX 10/ 20/ 40

The multiplexer type MUX is free of all guidelines and has a universal programmable power supply for each measuring channel. It also enables special supplies, even if they do not meet the standard. The Multiplexer is available in different sizes, which is determined by the number of measuring points. These can be delivered in 10er expansion steps. Multiplexers are extension units for the sensors of our digital measuring system MCC. They are

wired in series in the structure work, connected via a bus system and led to a measuring station. The communication cable may have a length of up to 2.000 m. This presupposes that a power supply unit is provided for each multiplexer, which can be connected to the electric circuit. In direct connection to the measuring system distances up to 500 m are possible.

Accessories

- External supply
- Mount for tubing panel

Technical data	MUX10	MUX 20	MUX30	MUX 40
Measuring channels	10	20	30	40
Measurements (LxBxH) cm:	40 x 25 x 12,5	40 x 25 x 12,5	60 x 25 x 13	60 x 25 x 13
Weight:	5.6 kg	6.4 kg	7.6 kg	8.4 kg
Circuit time per channel:	5 sec	5 sec	5 sec	5 sec
Tension:	15-30 V_{DC}	15-30 V_{DC}	15-30 V_{DC}	15-30 V_{DC}
Charging rate:	130 mA	130 mA	130 mA	130 mA
Galvanic isolation by the sensor:	yes	yes	yes	yes
Protection class:	IP67	IP67	IP67	IP67
Temperature range:	-15°C - +70°C	-15°C - +70°C	-15°C - +70°C	-15°C - +70°C
Journal:	GL-Bus	GL-Bus	GL-Bus	GL-Bus
Transfer rate:	1.200 Baud	1.200 Baud	1.200 Baud	1.200 Baud
Resolution:	16 Bit	16 Bit	16 Bit	16 Bit
Switch-on delay:	no	no	no	no
External supply:	optional	optional	optional	optional
Cable connection:	7-12 mm	7-12 mm	7-12 mm	7-12 mm
Overvoltage protection by the sensors:	no	no	no	no
Supply ranges:	1-10 V 0,1-10 mA	1-10 V 0,1-10 mA	1-10 V 0,1-10 mA	1-10 V 0,1-10 mA
Expendable supply:	programmable	programmable	programmable	programmable
Extendable module:	no	no	no	no
Compatibility:	MCC S/L/XL	MCC S/L/XL	MCC S/L/XL	MCC S/L/XL

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