

CMeX30

DIN-mounted M-Bus D/A module



The CMeX30 is a digital to analog converter with an output voltage range from 0 to 10 V or current output range from 0 to 20 mA. It features standard M-Bus over IR communication and is equipped with the unique IR-Pass Through function, making the product series stackable.

READY TO USE

The CMeX30 is ready to use with no configuration required in the field. It connects directly to other CMe Series products, or any standard M-Bus master product with the addition of the CMeX20 M-Bus Activator.

STANDARD OPEN PROTOCOLS

The standard open protocol design works with any software supporting the M-Bus standard making for simple output voltage or current configuration.

FLEXIBLE

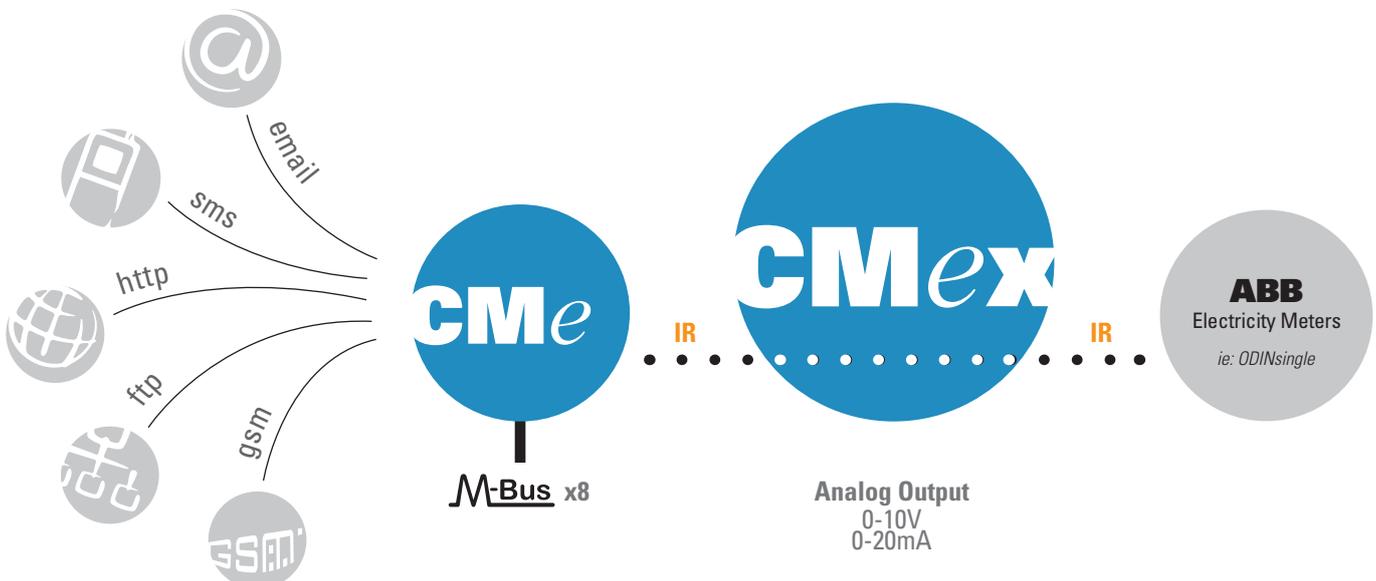
The IR Pass Through function makes it possible to stack more than one CMeX Series product side by side. Every module has a dedicated function which can be combined with other CMeX modules to meet a great variety of customer demands.

COST EFFECTIVE

The modular and expandable design allows the customer to select a suitable level based on price and functionality. The initial cost is low and additional modules can easily be added to existing installations as needed.

FUTURE PROOF

The flexible design and open standard protocols ensures a future-safe configuration. New expansion modules are constantly developed to meet new market demands.



Mechanics

Protection class	IP20
Dimensions (w x h x d)	36 x 85 x 65 mm (3 DIN modules)
Weight	100 g
Connection M-Bus	Pin terminal solid wire 0.6- 0.8 Ø mm
Mounting	DIN mounted
Power supply	Screw terminal cable 0.75-2.5 mm ² , 0.5 Nm tightening torque

Electrical

Nominal Voltage	100-240 VAC
Voltage range	-10 % to +10 % of nominal voltage
Frequency	50/60 Hz
Power consumption (max)	2,5 W
Power consumption (nom)	1 W
Installation category	CAT 2

Environmental

Operating temperature range	-30 °C to +55 °C
Storage temperature range	-40 °C to +85 °C
Pollution	Degree 2
Operating altitude	0-2000 m

M-Bus

M-Bus standard	EN 13757
M-Bus baud rate	300, 2400 Bit/s
M-Bus load	1T (1.5 mA)
Maximum cable length	Is dependent of master

Analog output

Output types	4-20 mA and 0-10 V cannot be controlled individually
Connection	Pluggable screw terminal
Min input impedance 4-20 mA	TBD
Max load current 0-10 V	TBD

Approvals

EMC	EN 61000-6-2, EN 61000-6-3
Safety	EN 61010-1, CAT 2