

Supply & Power

Supply voltage	20 ... 28VDC
Power consumption	0.6W (no bus load) 2.9W (incl. 45mA bus load)
Power loss at max. load	1.3W (at 45mA bus load)
Loxone Link	connection to Miniserver

M-Bus Interface

M-Bus devices	max. 30 devices
Bus length	max. 100m
Bus topologies	Bus, Line, Star, Tree;
Baud rate	300 ... 9600 bd (adjustable)
Bus voltage	High: 36V, Low: 24V
Bus load	max. 45mA / 30 unit loads Imax: 145mA (45mA + 100mA margin)

Ambient Conditions

Temperature	-40 ... 70°C / -40...158°F
Humidity	max. 95% r.H. (non condensing)
Ingress Protection	IP20



For more information
about this product, visit
loxone.com/help/M-Bus-Extension

V190924

**Loxone
Electronics GmbH**
Smart Home 1
4154 Kollerschlag
Austria

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom



For additional information,
declaration of conformity, visit
www.loxone.com/datasheets



M-Bus Extension

Need Help?
loxone.com/support



Part No.: 100569

M-Bus

About the product

The Loxone M-Bus Extension is a M-Bus master for DIN rail mounting for reading up to 30 M-Bus devices like gas-, water-, energy meters. The read out values can be used for energy management, consumption data collection and much more.

Installation & electrical connection

The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the protection of the device may be affected.

This device is free of maintenance and must only be cleaned with a dry cloth.

Connecting Terminals

DC Supply & Loxone Link

Wire cross-section	0.25 ... 0.8mm ² / AWG23 .. 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 ... 105°C / -40 ... 221°F

M-Bus Interface

Wire cross-section	0.14 ... 0.5mm ² / AWG26 ... 20
Stripping length	7mm / 0.28"
Temperature resistance	-40 ... 70 °C / -40 ... 158°F

