

# MIREL LSM Localization and Synchronization Gateway

## Type **LSM**

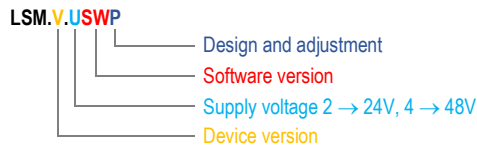
illustrative pictures

The MIREL LSM Localization and Synchronization Gateway is a device, which utilizes the GPS Global Localization System for data acquirment regarding actual time and position, provided available for MIREL systems. Connection with MIREL systems is obtained via serial RS 485 communication line with BMSP protocol. In galvanic way separated communication line and power supply are connected by means of HUMMEL connector.

The MIREL LSM gateway has been designed in various colour and mechanical modifications.



### Nomenclature



### Modifications

Designation	Supply voltage [VDC]	Software version	Design and adjustment	Notes
LSM.1.201A	24	01	A	
LSM.1.201B	24	01	B	
LSM.1.201C	24	01	C	
LSM.1.201C0	24	01	C0	
LSM.1.401C	48	01	C	
LSM.1.401C0	48	01	C0	

### Modifications prepared for new applications

No record

### Design and adjustment

Designation	Assembly	Colour	Line transiting RS485	GPS antenna locations	Weight [kg]
A	flange	grey	–	under body	0,13
A0	flange	grey	✓	under body	0,13
B	flange	black	–	under body	0,13
B0	flange	black	✓	under body	0,13
C	sticker	grey	–	under cover	0,14
C0	sticker	grey	✓	under cover	0,14
D	sticker	black	–	under cover	0,14
D0	sticker	black	✓	under cover	0,14

---

## Specifications

Catalogue Sheet was prepared based on the following specifications:

No.	Version	Title
2023M	201126	MIREL LSM Conditions of use
1598RM1	190515	MIREL RM1 Installation Manual
1992RM2	200813	MIREL RM2 Installation Manual
2042M	171004	MIREL LSM Installation conditions
1986RM2	190709	MIREL RM2 Operating Manual
1987RM2	190709	MIREL RM2 Maintenance manual, Diagnostics

---

## Usage

MIREL RM1 – registration speedometer

MIREL RM2 – integrated on-board system





---

**Modifications not recommended for new applications**

No record