

Registration speed meter MIREL RM1

Type **RM1**

illustrative picture

The MIREL RM1 registration speed meter is a device constructed for use on railway line vehicles of any traction. The RM1 ensures three basic functions: measuring of instantaneous speed, indication of instantaneous speed and additional information, archiving of instantaneous speed and other operational and technical data in relation to a time and track independent measure. The MIREL RM1 registration speed meter performs continuous self-diagnostics and allows the performing of a functional test for testing the correct functioning of all components of the RM1 speed meter and cooperating devices on a railway wagon. In addition to performing functional tests and protective controls the device is maintenance-free.



Modifications:

MIREL RM2 is recommended for new applications, see document 1988RM2 RM2 Datasheet.

Specifications:

Number	Version	Title
278RM1	130215	Registration speed meter MIREL RM1 - Maintenance and diagnostic instructions
297RM1	150325	Registration speed meter MIREL RM1 - Technical conditions - serial usage
357RM1	130219	Registration speed meter MIREL RM1 - Operator's instructions

Not recommended modifications for new applications:

Labelling	Nominal supply voltage [VDC]	Basic unit	Identification unit	Indication unit	System functionality version	Capacity [MB]	Maximum indicated speed [km/h]	Replacement ¹⁾
RM1.1.203A	24	RM1ZJ.1.205A	2x RM1ID.0.205	2x RM1IN.0.2C05	03	16 000	120	-
RM1.1.203B	24	RM1ZJ.1.205A	2x RM1ID.0.205	2x RM1IN.0.2J05	03	16 000	190	-
RM1.1.203D	24	RM1ZJ.1.205A	2x RM1ID.0.205	-	03	16 000	-	-
RM1.1.203E	24	RM1ZJ.1.205A	1x RM1ID.0.205	2x RM1IN.0.2C05	03	16 000	120	-
RM1.1.203F	24	RM1ZJ.1.205A	1x RM1ID.0.205	1x RM1IN.0.2J05	03	16 000	190	-
RM1.1.203G	24	RM1ZJ.1.205A	-	1x RM1IN.0.2J05	03	16 000	190	-
RM1.1.203H	24	RM1ZJ.1.205A	-	-	03	16 000	-	-
RM1.1.203K	24	RM1ZJ.1.205A	1x RM1ID.0.205	2x RM1IN.0.2J05	03	16 000	190	-
RM1.1.403A	48	RM1ZJ.1.405A	2x RM1ID.0.405	2x RM1IN.0.4C05	03	16 000	120	-
RM1.1.403B	48	RM1ZJ.1.405A	2x RM1ID.0.405	2x RM1IN.0.4J05	03	16 000	190	-
RM1.1.403H	48	RM1ZJ.1.405A	-	-	03	16 000	-	-
RM1.1.403J	48	RM1ZJ.1.405A	-	2x RM1IN.0.4J05	03	16 000	190	-

¹⁾ MIREL RM2 is recommended for new applications, see document 1988RM2 RM2 Datasheet

End-of-life modifications:

Labelling	Nominal supply voltage [VDC]	Basic unit	Identification unit	Indication unit	System functionality version	Capacity [MB]	Maximum indicated speed [km/h]	Replacement ²⁾
RM1.0.203A	24	RM1ZJ.0.2840	2x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203A
RM1.0.203B	24	RM1ZJ.0.2G00	2x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203A
RM1.0.203C	24	RM1ZJ.0.2G40	1x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203E
RM1.0.203D	24	RM1ZJ.0.2G41	2x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203A
RM1.0.203E	24	RM1ZJ.0.2G40M	2x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203A
RM1.0.203F	24	RM1ZJ.0.2G40	2x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203A
RM1.0.203G	24	RM1ZJ.0.2G41M	1x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203E
RM1.0.203H	24	RM1ZJ.0.2G40	2x RM1ID.0.2	2x RM1IN.0.2J	03	8	190	RM1.1.203B
RM1.0.203J	24	RM1ZJ.0.2G82	2x RM1ID.0.2	1x RM1IN.0.2J	03	8	190	-
RM1.0.203K	24	RM1ZJ.0.2G81M	2x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203A
RM1.0.203L	24	RM1ZJ.0.2G41M	2x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203A
RM1.0.203M	24	RM1ZJ.0.2G00	2x RM1ID.0.2	-	03	8	-	RM1.1.203D
RM1.0.203R	24	RM1ZJ.0.2G81M	2x RM1ID.0.2	2x RM1IN.0.2J	03	8	190	RM1.1.203B
RM1.0.204N	24	RM1ZJ.0.2G40	-	-	03	8	-	RM1.1.203H
RM1.0.204P	24	RM1ZJ.0.2G81M	-	1x RM1IN.0.2J	03	8	190	RM1.1.203G
RM1.0.403F	48	RM1ZJ.0.4G40	2x RM1ID.0.4	2x RM1IN.0.4C	03	8	120	RM1.1.403A
RM1.0.403G	48	RM1ZJ.0.4G40M	2x RM1ID.0.4	2x RM1IN.0.4C	03	8	120	RM1.1.403A
RM1.0.403H	48	RM1ZJ.0.4G40	2x RM1ID.0.4	2x RM1IN.0.4J	03	8	190	RM1.1.403B
RM1.0.403I	48	RM1ZJ.0.4G41	2x RM1ID.0.4	2x RM1IN.0.4J	03	8	190	RM1.1.403B
RM1.0.403S	48	RM1ZJ.0.480M	2x RM1ID.0.4	2x RM1IN.0.4C	03	8	120	RM1.1.403A
RM1.0.203S1	24	RM1ZJ.0.2G40M	1x RM1ID.0.2	2x RM1IN.0.2C	03	8	120	RM1.1.203E
RM1.0.203S5	24	RM1ZJ.0.2G40M	2x RM1ID.0.2	2x RM1IN.0.2J	03	8	190	RM1.1.203B
RM1.0.403S2	48	RM1ZJ.0.4G81	2x RM1ID.0.4	2x RM1IN.0.4J	03	8	190	RM1.1.403B
RM1.0.403S3	48	RM1ZJ.0.4G40M	-	-	03	8	-	RM1.1.403H
RM1.0.403S6	48	RM1ZJ.0.4G41M	2x RM1ID.0.4	2x RM1IN.0.4J	03	8	190	RM1.1.403B
RM1.0.404S4	48	RM1ZJ.0.4G41M	-	2x RM1IN.0.4J	03	8	190	RM1.1.403J
RM1.1.203C	24	RM1ZJ.1.205B	1x RM1ID.0.205	2x RM1IN.0.2C05	03	16 000	120	RM1.1.203E
RM1.1.203U1	24	RM1ZJ.1.205F	1x RM1ID.0.205	2x RM1IN.0.2C05	03	16 000	120	RM1.1.203E
RM1.1.203U2	24	RM1ZJ.1.205B	2x RM1ID.0.205	2x RM1IN.0.2C05	03	16 000	120	RM1.1.203A
RM1.1.203U3	24	RM1ZJ.1.205F	-	-	03	16 000	-	RM1.1.203H
RM1.1.403U4	48	RM1ZJ.1.405G	2x RM1ID.0.405	2x RM1IN.0.4C05	03	16 000	120	RM1.1.403A
RM1.1.403U5	48	RM1ZJ.1.405F	2x RM1ID.0.405	2x RM1IN.0.4C05	03	16 000	120	RM1.1.403A
RM1.1.403U6	48	RM1ZJ.1.405F	2x RM1ID.0.405	2x RM1IN.0.4J05	03	16 000	190	RM1.1.403B
RM1.1.403U7	48	RM1ZJ.1.405B	2x RM1ID.0.405	2x RM1IN.0.4J05	03	16 000	190	RM1.1.403B
RM1.1.403U8	48	RM1ZJ.1.405B	-	2x RM1IN.0.4J05	03	16 000	190	RM1.1.403J
RM1.1.403U9	48	RM1ZJ.1.405F	-	-	03	16 000	-	RM1.1.403H

²⁾ see the table of not recommended modifications for new applications