

# Registration speed meter MIREL RM1

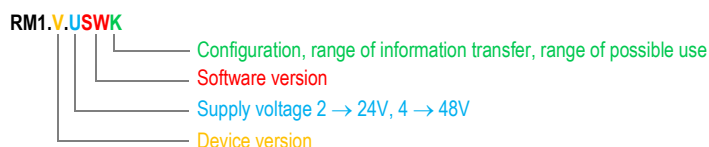
## Type **RM1**

illustrative picture

The MIREL RM1 registration speed meter is a system 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.



### Nomenclature



### Modifications

For new applications is recommended MIREL RM2 system, see document 1988RM2 RM2 Catalogue sheet.

### Modifications prepared for new applications

Designation	System functionality version	Basic unit	Identification unit	Indication unit	Recording unit	Notes
<b>RM1.2.403B</b>	03	RM1ZJ.2U.405A	2x RM1ID.0.405	2x RM1IN.0.4J05	RM1AR.2U.401A	WF1001
<b>RM1.2.403H</b>	03	RM1ZJ.2U.405A	–	–	RM1AR.2U.401A	WF959
<b>RM1.2.403J</b>	03	RM1ZJ.2U.405A	–	2x RM1IN.0.4J05	RM1AR.2U.401A	WF1000

### Specification

Catalogue sheet was prepared on the basis of the following specifications:

No.	Version	Title
297RM1	221011	Technical conditions
1598RM1	190515	Installation manual
357RM1	230306	Operating manual
278RM1	230306	Maintenance manual, diagnostics

### Modifications not recommended for new applications

Designation	System functionality version	Basic unit	Identification unit	Indication unit	Recording unit	Replacement
RM1.1.203A	03	RM1ZJ.1.205A	2x RM1ID.0.205	2x RM1IN.0.2C05	–	RM1.2.203A
RM1.1.203B	03	RM1ZJ.1.205A	2x RM1ID.0.205	2x RM1IN.0.2J05	–	RM1.2.203B
RM1.1.203D	03	RM1ZJ.1.205A	2x RM1ID.0.205	–	–	RM1.2.203D
RM1.1.203E	03	RM1ZJ.1.205A	1x RM1ID.0.205	2x RM1IN.0.2C05	–	RM1.2.203E
RM1.1.203F	03	RM1ZJ.1.205A	1x RM1ID.0.205	1x RM1IN.0.2J05	–	RM1.2.203F
RM1.1.203G	03	RM1ZJ.1.205A	–	1x RM1IN.0.2J05	–	RM1.2.203G
RM1.1.203H	03	RM1ZJ.1.205A	–	–	–	RM1.2.203H
RM1.1.203K	03	RM1ZJ.1.205A	1x RM1ID.0.205	2x RM1IN.0.2J05	–	RM1.2.203K
RM1.1.403A	03	RM1ZJ.1.405A	2x RM1ID.0.405	2x RM1IN.0.4C05	–	RM1.2.403A
RM1.1.403B	03	RM1ZJ.1.405A	2x RM1ID.0.405	2x RM1IN.0.4J05	–	RM1.2.403B
RM1.1.403H	03	RM1ZJ.1.405A	–	–	–	RM1.2.403H
RM1.1.403J	03	RM1ZJ.1.405A	–	2x RM1IN.0.4J05	–	RM1.2.403J

### End-Of-Life Modifications <sup>1)</sup>

Designation	System functionality version	Basic unit	Identification unit	Indication unit	Recording unit	Notes
RM1.2.203A	03	RM1ZJ.2U.205A	2x RM1ID.0.205	2x RM1IN.0.2C05	RM1AR.2U.201A	–
RM1.2.203B	03	RM1ZJ.2U.205A	2x RM1ID.0.205	2x RM1IN.0.2J05	RM1AR.2U.201A	–
RM1.2.203D	03	RM1ZJ.2U.205A	2x RM1ID.0.205	–	RM1AR.2U.201A	–
RM1.2.203E	03	RM1ZJ.2U.205A	1x RM1ID.0.205	2x RM1IN.0.2C05	RM1AR.2U.201A	–
RM1.2.203F	03	RM1ZJ.2U.205A	1x RM1ID.0.205	1x RM1IN.0.2J05	RM1AR.2U.201A	–
RM1.2.203G	03	RM1ZJ.2U.205A	–	1x RM1IN.0.2J05	RM1AR.2U.201A	–
RM1.2.203H	03	RM1ZJ.2U.205A	–	–	RM1AR.2U.201A	–
RM1.2.203K	03	RM1ZJ.2U.205A	1x RM1ID.0.205	2x RM1IN.0.2J05	RM1AR.2U.201A	–
RM1.2.403A	03	RM1ZJ.2U.405A	2x RM1ID.0.405	2x RM1IN.0.4C05	RM1AR.2U.401A	–
RM1.2.403B	03	RM1ZJ.2U.405A	2x RM1ID.0.405	2x RM1IN.0.4J05	RM1AR.2U.401A	–
RM1.2.403H	03	RM1ZJ.2U.405A	–	–	RM1AR.2U.401A	–
RM1.2.403J	03	RM1ZJ.2U.405A	–	2x RM1IN.0.4J05	RM1AR.2U.401A	–

<sup>1)</sup> End-Of-Life modifications are also recommended modifications for new applications

## Discontinued modifications

Designation	System functionality version	Basic unit	Identification unit	Indication unit	Replacement <sup>1)</sup>
RM1.0.203A	03	RM1ZJ.0.2840	2x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203A
RM1.0.203B	03	RM1ZJ.0.2G00	2x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203A
RM1.0.203C	03	RM1ZJ.0.2G40	1x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203E
RM1.0.203D	03	RM1ZJ.0.2G41	2x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203A
RM1.0.203E	03	RM1ZJ.0.2G40M	2x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203A
RM1.0.203F	03	RM1ZJ.0.2G40	2x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203A
RM1.0.203G	03	RM1ZJ.0.2G41M	1x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203E
RM1.0.203H	03	RM1ZJ.0.2G40	2x RM1ID.0.2	2x RM1IN.0.2J	RM1.1.203B
RM1.0.203J	03	RM1ZJ.0.2G82	2x RM1ID.0.2	1x RM1IN.0.2J	-
RM1.0.203K	03	RM1ZJ.0.2G81M	2x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203A
RM1.0.203L	03	RM1ZJ.0.2G41M	2x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203A
RM1.0.203M	03	RM1ZJ.0.2G00	2x RM1ID.0.2	-	RM1.1.203D
RM1.0.203R	03	RM1ZJ.0.2G81M	2x RM1ID.0.2	2x RM1IN.0.2J	RM1.1.203B
RM1.0.204N	03	RM1ZJ.0.2G40	-	-	RM1.1.203H
RM1.0.204P	03	RM1ZJ.0.2G81M	-	1x RM1IN.0.2J	RM1.1.203G
RM1.0.403F	03	RM1ZJ.0.4G40	2x RM1ID.0.4	2x RM1IN.0.4C	RM1.1.403A
RM1.0.403G	03	RM1ZJ.0.4G40M	2x RM1ID.0.4	2x RM1IN.0.4C	RM1.1.403A
RM1.0.403H	03	RM1ZJ.0.4G40	2x RM1ID.0.4	2x RM1IN.0.4J	RM1.1.403B
RM1.0.403I	03	RM1ZJ.0.4G41	2x RM1ID.0.4	2x RM1IN.0.4J	RM1.1.403B
RM1.0.403S	03	RM1ZJ.0.480M	2x RM1ID.0.4	2x RM1IN.0.4C	RM1.1.403A
RM1.0.203S1	03	RM1ZJ.0.2G40M	1x RM1ID.0.2	2x RM1IN.0.2C	RM1.1.203E
RM1.0.203S5	03	RM1ZJ.0.2G40M	2x RM1ID.0.2	2x RM1IN.0.2J	RM1.1.203B
RM1.0.403S2	03	RM1ZJ.0.4G81	2x RM1ID.0.4	2x RM1IN.0.4J	RM1.1.403B
RM1.0.403S3	03	RM1ZJ.0.4G40M	-	-	RM1.1.403H
RM1.0.403S6	03	RM1ZJ.0.4G41M	2x RM1ID.0.4	2x RM1IN.0.4J	RM1.1.403B
RM1.0.404S4	03	RM1ZJ.0.4G41M	-	2x RM1IN.0.4J	RM1.1.403J
RM1.1.203C	03	RM1ZJ.1.205B	1x RM1ID.0.205	2x RM1IN.0.2C05	RM1.1.203E
RM1.1.203U1	03	RM1ZJ.1.205F	1x RM1ID.0.205	2x RM1IN.0.2C05	RM1.1.203E
RM1.1.203U2	03	RM1ZJ.1.205B	2x RM1ID.0.205	2x RM1IN.0.2C05	RM1.1.203A
RM1.1.203U3	03	RM1ZJ.1.205F	-	-	RM1.1.203H
RM1.1.403U4	03	RM1ZJ.1.405G	2x RM1ID.0.405	2x RM1IN.0.4C05	RM1.1.403A
RM1.1.403U5	03	RM1ZJ.1.405F	2x RM1ID.0.405	2x RM1IN.0.4C05	RM1.1.403A
RM1.1.403U6	03	RM1ZJ.1.405F	2x RM1ID.0.405	2x RM1IN.0.4J05	RM1.1.403B
RM1.1.403U7	03	RM1ZJ.1.405B	2x RM1ID.0.405	2x RM1IN.0.4J05	RM1.1.403B
RM1.1.403U8	03	RM1ZJ.1.405B	-	2x RM1IN.0.4J05	RM1.1.403J
RM1.1.403U9	03	RM1ZJ.1.405F	-	-	RM1.1.403H
RM1.1.403U10	03	RM1ZJ.1.405B	-	-	RM1.1.403H

<sup>1)</sup> see the table of not recommended modifications for new applications