

## BMSP communication gateway

### Type **BBC**

Communication gateway MIREL BBC is an intelligent communication interface between MIREL system, with the BMSP communication protocol and another cooperating system. According to the configuration the gateway can have one or two communication channels, the channels can be CAN or RS485 type. The communication protocol for these channels is selected according to a particular application. The lines are electrically isolated.

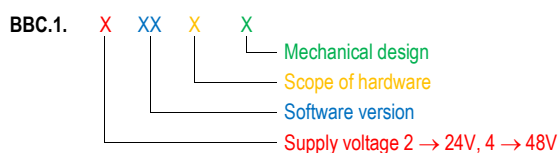
Mechanical design is optional under the terms of the incorporation.

The device can be ordered by appropriate mating connectors according to the table.



illustrative picture

#### Nomenclature



#### Modifications – mechanical design

Designation	Scope of hardware	Construction system	Modification of construction system	Assembly	Weight [kg]
L	A	BOXTUG	09A	left	1,10
	B	BOXTUG	05A	left	0,80
	D	BOXTUG	09A	left	1,00
P	A	BOXTUG	09A	right	1,10
	B	BOXTUG	05A	right	0,80
	D	BOXTUG	09A	right	1,00
U	B	BOXKOG	05	-	0,93
	D	BOXKOG	09	-	1,15

#### Modifications – scope of hardware

Designation	Number of channels	CAN/RS485 line	Continuity of the line	Set of mating connectors
A	2	2/0	yes	KS.1.BA
B	1	0/1	no	KS.1.BB
D	1	1/1	yes	KS.1.BC

#### Modifications

Designation	Supply voltage [VDC]	Software version	Number of channels	CAN/RS485 line	Continuity of the line	Modification of construction system	Assembly	Set of mating connectors
BBC.1.201AL	24	01	2	2/0	yes	BOXTUG 09A	left	KS.1.BA
BBC.1.201AP	24	01	2	2/0	yes	BOXTUG 09A	right	KS.1.BA
BBC.1.202BL	24	02	1	0/1	no	BOXTUG 05A	left	KS.1.BB
BBC.1.202BP	24	02	1	0/1	no	BOXTUG 05A	right	KS.1.BB
BBC.1.202DL	24	02	1	1/1	yes	BOXTUG 09A	left	KS.1.BC
BBC.1.202DP	24	02	1	1/1	yes	BOXTUG 09A	right	KS.1.BC

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### Modifications not recommended for new applications

Designation	Supply voltage [VDC]	Software version	Number of channels	CAN/RS485 line	Continuity of the line	Modification of construction system	Assembly	Set of mating connectors
BBC.1.201BL	24	01	1	0/1	no	BOXTUG 05A	left	KS.1.BB
BBC.1.201BP	24	01	1	0/1	no	BOXTUG 05A	right	KS.1.BB
BBC.1.201CL	24	01	1	1/0	yes	BOXTUG 09A	left	KS.1.BC
BBC.1.201CP	24	01	1	1/0	yes	BOXTUG 09A	right	KS.1.BC

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### Modifications prepared for new applications

Designation	Supply voltage [VDC]	Software version	Number of channels	CAN/RS485 line	Continuity of the line	Modification of construction system	Assembly	Set of mating connectors
BBC.1.202BU	24	02	1	0/1	no	BOXKOG 05	-	KS.1.BB
BBC.1.202DU	24	02	1	1/1	yes	BOXKOG 05	-	KS.1.BC

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### Specifications

Number	Version	Name
1068M	170516	BOXTUG Installation conditions
2468M	180604	BOXKOG Installation conditions

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### Usage

MIREL RM1 – Registration speed meter

