

MIREL BBC communication gateway

Type **BBC**

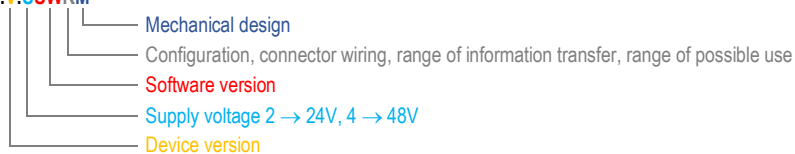
illustrative picture

Communication gateway MIREL BBC is an intelligent communication interface between MIREL system, with the BMSP communication protocol and another cooperating system. Communication port enables communication with cooperating systems communicating on interface of CAN/RS485/RS422 type. Depending on specific modification, a port can have a single or a pair of mutually electrically separated communication channels. Communication protocol on external communication lines is chosen depending on specific application.



Nomenclature

BBC.V.USWKM



Modification

Designation	Supply voltage [VDC]	Software version	Configuration ¹⁾	Mechanical design	Modification of construction system	Weight [kg]	Notes
BBC.1.201AL	24	01	A	L	09A	1,10	
BBC.1.202BL	24	02	B	L	05A	0,80	
BBC.1.202DL	24	02	D	L	09A	1,00	
BBC.1.402FL	48	02	F	L	05A	0,80	
BBC.1.402GL	48	02	G	L	05A	0,80	

¹⁾ Configuration, connector wiring, range of information transfer, range of possible use

Modifications prepared for new applications

Designation	Supply voltage [VDC]	Software version	Configuration ¹⁾	Mechanical design	Modification of construction system	Weight [kg]	Notes
BBC.1.402EL	48	02	E	L	05A	0,80	WF863
BBC.1.202HL	24	02	H	L	05A	0,80	WF1066

¹⁾ Configuration, connector wiring, range of information transfer, range of possible use

Configuration, connector wiring, range of information transfer, range of possible use

Designation	Channel count	BMSP Version	Count of CAN ext. lines	Count of RS485 ext. lines	Connector count	Lines transition	Supply transition
A	2	2	2	0	4	✓	✓
B	1	2	0	1	2	–	–
C	1	2	1	0	4	✓	✓
D	1	2	1	1	4	✓	✓
E	1	2	0	1	3	✓	–
F	1	2	0	1	3	–	–
G	1	1	0	1	3	✓	–
H	1	2	0	1	3	✓	✓

Mechanical design

Designation	Construction system	Modification of construction system	Assembly
L	BOXTUG	05A / 09A	left
P	BOXTUG	05A / 09A	right
U	BOXKOG	05 / 09	-

Specifications

Catalogue Sheet has been prepared based on following specifications:

Number	Version	Title
1406M	210504	MIREL BBC Conditions of use
1598RM1	190515	MIREL RM1 Installation Manual
1992RM2	200813	MIREL RM2 Installation Manual
1068M	170516	BOXTUG Installation conditions
2468M	230904	BOXKOG Installation conditions
1407M	121217	MIREL BBC Maintenance manual, Diagnostics

Usage

MIREL RM1 – registration speedometer
MIREL RM2 – integrated on-board system

Modifications not recommended for new applications

Designation	Supply voltage VDC]	Software version	Configuration ¹⁾	Mechanical design	Structural system modification	Replacement
BBC.1.201BL	24	01	B	L	05A	BBC.1.202BL ²⁾
BBC.1.201CL	24	01	C	L	09A	BBC.1.202DL ²⁾

¹⁾ Configuration, connector wiring, range of information transfer, range of possible use

²⁾ Replacement with limitation