

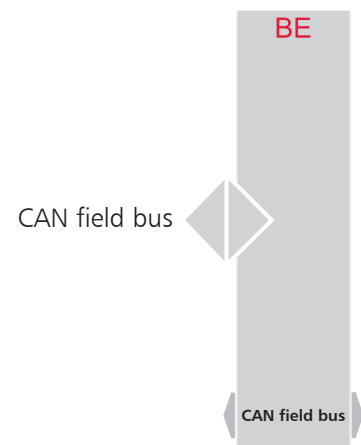
Bus Extension Interface

flexotemp®

BE
BE F



Illustration BE BE F



Features

- Adapter module for extension of the control system with
 - with further I/O nodes by BE, CANBC
 - Power controller modules of series profiTEMP HC and/or flexotemp® HPC by BE F
- Applicable with flexotemp® MCU and flexotemp® PCU, in I/O nodes by flexotemp® CANBC
- Model ME-Bus (connectable)
- Compact design

Function

- Transfer of internal CAN-Bus to
 - D-SUB plug (BE), pin assignment CANopen transmission to further I/O nodes
 - Ribbon cable (socket) (BE F), connection of power controller modules

Benefits

- Easy, peripheral configuration of flexotemp® control system with remote I/O's and power controller modules
- Compact housing
- Little for installation

Ordering designations

	Order number
flexotemp® BE	RR 2100/BE
flexotemp® BE F	RR 2100/BEF

Technical Data

Data interfaces		
	CAN	
	Field bus for I/O - and bus coupler modules	
	Transfer rate	Up to 1MBit
	Max. bus length (m)	250m/250KBit, 120m/500KBit, 30m/1MBit
	Device internal terminating resistor	No
	Protocol	CANopen
Ribbon cable length BE F	Between BE F and power controller module: < 3m	
Ambient temperature limit	Operation: 0...55 °C, transport, storage: -20...60 °C, operation limit: 0...60 °C	
Atmospheric humidity limit	Operation: 0..90 % relative atmospheric humidity, no condensation Transport, storage: 0...95 % relative atmospheric humidity, no condensation	
Mounting	Installation on DIN rail (DIN 50022); horizontal installation position; see installation	
Dimensions (H x W x D in mm)	99 x 22.5 x 114.5	
Housing	Phoenix ME 22.5 Bus 10/2	
Weight	0.3 kg	
Electrical security	Class 3, safety extra-low voltage; complies with EN 61010	
Protection type	Housing and terminals: IP 20, D-SUB without PVC cover: IP 00	
Standards	Complies with EN 61326-1	
CE marking	The device complies with the European Directives for electromagnetic compatibility (complies with EN 61326-1)	

Connection overview

Pin assignment

X1 CAN field bus (interface CANopen)

D-SUB, plug

Pin	X1
1	n.c.
2	CAN-L
3	n.c.
4	n.c.
5	n.c.
6	n.c.
7	CAN-H
8	n.c.
9	n.c.



Illustration BE



Illustration BE F

Pin assignment

X1 Power supply Interface CANopen, Addressing

10-pole ribbon cable (socket)

Pin	X1/2	Function and/or signal
1	U1	Power supply
2	U2	Power supply
3	U3	Power supply
4	C-L	CAN-L
5	C-H	CAN-H
6	n.c.	
7	ADRIN/ ADROUT	Addressing
8	0V1	Ground power supply
9	0V2	Ground power supply
10	0V3	Ground power supply

Installation

