








CF-Measuring Amplifiers --- Standard models

Model	MBI 50.25	MBI 50.33	MBI 46.31	MBI 46.33
Amplifier type	1-channel-CF	1-channel-CF	1-channel-CF	2-channel-CF
				
Specifications				
Carrier frequency	10 kHz (Option: 5 kHz)	5 kHz	5 kHz (Option: 0,4 ... 20 kHz)	5 kHz (Option: 0,4 ... 20 kHz)
Accuracy class (typ.)	0,2	0,2	0,3	0,3
Bandwidth (Hz)	500	700	200	200
Sensitivity range (in mV/V)	10 ... 400	1 ... 200	20 ... 600	20 ... 600
Versions				
Euro-size card	●	●	● ¹⁾	-
19" plug-in card w. front panel	●	●	●	-
Field case (IP 65)	●	●	●	●
Desktop case	Refer to MBI 50.65 / 50.75			-
Supply				
+/-15VDC bipolar	●	●	● ¹⁾	●
+24VDC unipolar	-	-	● ¹⁾	●
230 VAC (115 VAC optional)	● (field case)	● (field case)	●	●
Outputs				
+/- 10 V	●	●	●	●
0/4 ... 20 mA	●	●	●	●
Digital interfaces	-	-	-	-
Features				
Functional description	-	-	-	-
Operation / settings	By trimmers	By trimmers	By trimmers	By trimmers per channel
Comments		DMS compatible	¹⁾ also available as mini-card 100x70 mm	





CF-Measuring Amplifiers --- Rail-mount and Mini Modules

Model	MBI 46.32	e.bloxx A6-2CF	MBI 46.12	MBI 46.13
Amplifier type	1- or 2-ch. CF	1-channel-CF	1-channel-CF	2-channel-CF
				
Specifications				
Carrier frequency	5 kHz (Option: 0,4 ... 20 kHz)	4,8 kHz	5 kHz (Option: 0,4 ... 20 kHz)	5 kHz (Option: 0,4 ... 20 kHz)
Accuracy class (typ.)	0,3	0,1	0,3	0,3
Bandwidth (Hz)	200	1000	200	200
Sensitivity range (in mV/V)	10 ... 400	0,1 ... 1250 (dep. on range)	50 ... 400	20 ... 400
Versions				
EN rail-mount	●	●	● (adaptor)	-
Mini modules	-	-	●	●
Supply				
+/-15VDC bipolar	●	-	●	●
+24VDC unipolar	●	● (10 ... 30 VDC)	● (23 ... 30 VDC)	● (23 ... 30 VDC)
230 VAC	-	-	-	-
Outputs				
+/- 10 V	●	●	●	●
0/4 ... 20 mA	●	-	(●)	-
Digital interfaces				
BCD parallel	-	-	-	-
RS 232	-	-	-	-
RS 485	-	●	-	-
USB	-	-	-	-
Profibus-DP (1,5 Mbaud)	-	●	-	-
Modbus	-	●	-	-
Devicenet	-	-	-	-
Features				
Functional description	-	Ext. Scaling, math. real-time functions, digital I/Os	-	-
Operation / settings	By trimmers per channel	By configuration software	By trimmers	By trimmers
Comments	-	DMS and capac. Sensor compatible	-	-

CF-Measuring Amplifiers --- Indicators and Special Units

Model	MBI 50.15	MBI 46.41	MBI 46.50
Amplifier type	1-channel CF	1-channel CF	1-channel CF
			
Specifications			
Carrier frequency	10 kHz	5 kHz (Option: 0,4 ... 20 kHz)	5 kHz (Option: 0,4 ... 20 kHz)
Accuracy class (typ.)	0,3	0,3	0,3
Bandwidth (Hz)	200	300	200
Sensitivity range (in mV/V)	10 ... 400	1 ... 600	10 ... 400
Versions			
Panel mount case	●	●	-
Hand-held	-	-	●
Display			
Display type	LCD 3,5 digit	LED 4,5 digit	LCD 3,5 digit
Supply			
+/-15VDC bipolar	-	-	-
+24VDC unipolar	-	● (Option)	● (9 V batt. cell)
230 VAC	●	●	-
Outputs			
+/- 10 V	●	●	●
0/4 ... 20 mA	●	● (Option)	(●)
Digital interfaces			
BCD parallel	-	-	-
RS 232	-	● (Option)	-
RS 485	-	● (Option)	-
USB	-	-	-
Profibus-DP (1,5 Mbaud)	-	● (Option)	-
Modbus	-	● (Option)	-
Devicenet	-	● (Option)	-
Features			
Functional description	-	Ext. scaling; sensor linearisation	-
Operation / settings	By trimmers	On front panel and by conf. software (Option)	By trimmers (internal)
Comments	-	DMS compatible	Mains-indep.

CF-Measuring Amplifiers --- Desktop and 19"-Systems

Model	MBI 50.65 / 50.75	PICAS-LCD	MBI 50.60	SIGNALOG 6000
Amplifier type	1- o. 2-ch. CF	2- o. 4-ch. CF	Up to 9-ch. CF	Up to 26-ch. CF
				
Specifications				
Carrier frequency	10 kHz (Option: 5 kHz)	5,0 kHz	10 kHz (Option: 5 kHz)	5,0 kHz
Accuracy class (typ.)	0,2	0,1	0,3	0,1
Bandwidth (Hz)	500	2000	200	2000
Sensitivity range (in mV/V)	10 ... 400	0,1 ... 1250 (dep. on range)	10 ... 400	0,1 ... 1250 (dep. on range)
Versions				
Desktop	●	●	-	-
19"-system	-	-	●	●
Supply				
+/-15VDC bipolar	-	-	-	-
+24VDC unipolar	(● Option with 50.75)	-	-	-
230 VAC	●	●	●	●
Outputs				
+/- 10 V	●	●	●	●
0/4 ... 20 mA	●	-	(●)	-
Digital interfaces				
BCD parallel	● (50.65)	-	-	-
RS 232	-	●	-	●
RS 485	-	●	-	●
USB	-	● (Option)	-	● (Option)
Profibus-DP (1,5 Mbaud)	-	-	-	-
Modbus	-	-	-	-
Devicenet	-	-	-	-
Features				
Functional description	-	Easy multi-channel configuration, Scaling, Sensor calibration, datalogger (Opt.)	-	Easy multi-channel configuration, Scaling, Sensor calibration, datalogger (Opt.)
Operation / settings	By trimmers per channel	On front panel and by configuration software	By trimmers per channel	On front panel and by configuration software
Comments	DMS compatible (dep. on amplifier type)	DMS and capac. Sensor compatible; DC amplifiers optional	DMS compatible (dep. on amplifier type)	DMS and capac. Sensor compatible; DC amplifiers optional