




## Product Overview

### Graphics/Text Displays



Type	<b>mitex DP / CAN / ARCNET</b>	<b>mitex DP</b>	<b>mitex IB</b>	<b>mitex SI</b>	<b>mitex SI</b>
	Graphics Compatible LCD Info Display with Field Bus Interface	Alphanumeric LCD Info Display with Profibus-DP Interface	Graphics Compatible LCD Info Display with InterBus Interface	Graphics Compatible LCD Info Display with Serial Interface	Alphanumeric LCD Text Display with Serial Interface
<b>General Specification</b>					
Display type	LCD dot matrix	LCD dot matrix	LCD dot matrix	LCD dot matrix	LCD dot matrix
Resolution	240 x 128 pixels	192 x 64 pixels	240 x 64 pixels	240 x 128 pixels	100 x 32 pixels
Pixel size	0,47 x 0,47 mm	0,46 x 0,46 mm	0,45 x 0,56 mm	0,47 x 0,47 mm	0,95 x 1,14 mm
Lines / digits	depends upon the selected character set	4 lines with 16 digits 2 lines with 8 digits	depends upon the selected character set	depends upon the selected character set	2 lines with 8 digits 2 lines with 16 digits 4 lines with 8 digits 4 lines with 16 digits
Character sets	uploadable character sets	uploadable character sets	uploadable character sets	uploadable character sets	uploadable character sets
Graphics	fully graphics compatible		fully graphics compatible	fully graphics compatible	
Display colour	black on white resp. inverse	black on green resp. inverse	black on green resp. inverse	black on white resp. inverse	black on green resp. inverse
Operating voltage	24 VDC ±20 %, protected against polarity reversal	24 VDC ±20 %, protected against polarity reversal	24 VDC ±20 %, protected against polarity reversal	24 VDC ±20 %, protected against polarity reversal	24 VDC ±20 %, protected against polarity reversal
Power consumption	approx. 250 mA at 24 VDC operating voltage	approx. 100 mA at 24 VDC operating voltage	approx. 250 mA at 24 VDC operating voltage	approx. 250 mA at 24 VDC operating voltage	approx. 200 mA at 24 VDC operating voltage
Interfaces				RS 232 or RS 485 (selectable)	RS 232, parallel
Download	RS 232	RS 232	RS 232	RS 232	RS 232
Baud rate	Profibus-DP: 9.6 kBaud to 12 MBaud CAN: 10 to 1000 kBit/s ARCNET: 2.5 MBaud	9.6 kBaud to 12 MBaud	500 kBaud	1.2 to 5.2 kBaud	1.2 to 9.6 kBaud
Addresses	Profibus-DP: 0 to 126 CAN: 1 to 127 ARCNET: 1 to 255	0 to 126	InterBus: bus-specific	1 to 127	
Housing	DIN panel-mount housing, metal with special surface finish	DIN panel-mount housing, metal with special surface finish	DIN panel-mount housing, metal with special surface finish	DIN panel-mount housing, metal with special surface finish	DIN panel-mount housing, metal with special surface finish
Housing dimensions (w x h x d)	192 x 120 x 38 mm	144 x 72 x 36 mm	166 x 90 x 38 mm	192 x 120 x 38 mm	144 x 72 x 38 mm
Display area (w x h)	123 x 68 mm	100 x 37 mm	123 x 42,5 mm	123 x 68 mm	104 x 40 mm
Mounting	screw clamps	screw clamps	screw clamps	screw clamps	screw clamps
Protection	front panel IP65	front panel IP65	front panel IP65	front panel IP65	front panel IP65
Operating temperature	0 to +45 °C	0 to +45 °C	0 to +45 °C	0 to +45 °C	0 to +45 °C
Storage temperature	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C
Product catalog	page 35, 45 and 49	page 37	page 47	page 53	page 55

