

# Operator unit FED-90

Part number: 533532  
Product to be discontinued

FESTO

Display and control unit with LCD graphics panel for connection to PLC systems, 12 function keys.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



## Data sheet

Feature	Value
Depth	71 mm
Height	176 mm
Length	141 mm
Max. front panel thickness	5 mm
User memory	512 kByte
Number of user LEDs	13
Number of function keys	12
Number of system keys	23
Real-time clock	Yes
Event lists	256
Recipe memory	16 kByte
Alarms	1,024
Real-time clock deviation	130 s / month
Number of system LEDs	4
Display	Monochrome LCD With background illumination
Type of display	4 x 20 characters Backlit LCD
Display size	4 x 20 characters
Backup battery	3 V / 270 mA Lithium
Operating voltage range DC	18 ... 30 V
Display resolution	120x32 Pixel
Nominal operating voltage DC	24 V
Current consumption at nominal operating voltage	0,3 A
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-20 ... 70 °C
Relative air humidity	5 - 85 % non-condensing
Protection class	IP65 front, IP20 back
Ambient temperature	0 ... 50 °C
Authorisation	RCM Mark
Product weight	1,100 g
AUX interface	Sub-D 9-pin Plug socket
Printer interface	RS232 Sub-D 15-pin Plug socket
PC interface	RS232 Sub-D

<b>Feature</b>	<b>Value</b>
	15-pin Plug socket
Programming interface	9,6 - 38,4 kBd
PLC interface	RS232 Sub-D 15-pin Plug
Ethernet interface	Optional, 10 MBd
Mounting type	Front panel installation
Materials note	Conforms to RoHS
Programming software	FED Designer 6.06 or higher
Explosion protection certification outside the EU	NEC 500 Class I, Div. 2