

## MS-BP

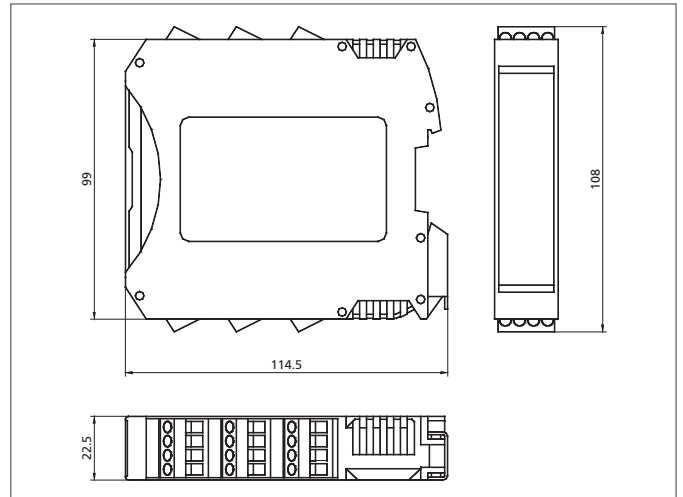
### MS - Expansion unit

- Communication to PLC via fieldbus system Profibus DP
- Connection to a PC via USB 2.0 serial bus for a fast and easy configuration
- Connection to MS-1 master via MS-SC proprietary bus
- MS-SC connector included



#### Safety instructions

All the installation, connection and safety regulations, as per our technical information, have to be strictly adhered to.  
The set-up of the products have to be made by skilled staff, only.  
Repair exclusively made by di-soric.



TECHNICAL INFORMATION (typ.)	
Characteristic parameters	<b>+20°C, 24 V DC</b> SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Cat. 4 (EN ISO 13849-1)
Mounting	rail fastening according to EN 50022-35 standard
Operating principle	Bus diagnostics and data communication
Size	99 x 22.5 x 114.5 mm (Dimensions)
Service voltage	19,2 ... 28,8 V DC
Interface	USB
Display	LED for failure diagnosis
Ambient temperature, operation	-10 ... +55 °C
Protection class	IP 20, (housing), IP 2X, (terminal blocks)
Casing material	polyamide (with locking latch mounting made of metal)
Connection	removable terminal blocks, screw contacts
Communication	5-way high-speed bus 5.0
Protocols	Profibus DP
Scope of delivery	multi-language installation sheet, MS - Connector MS-SC