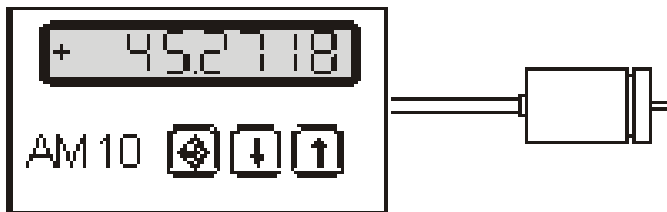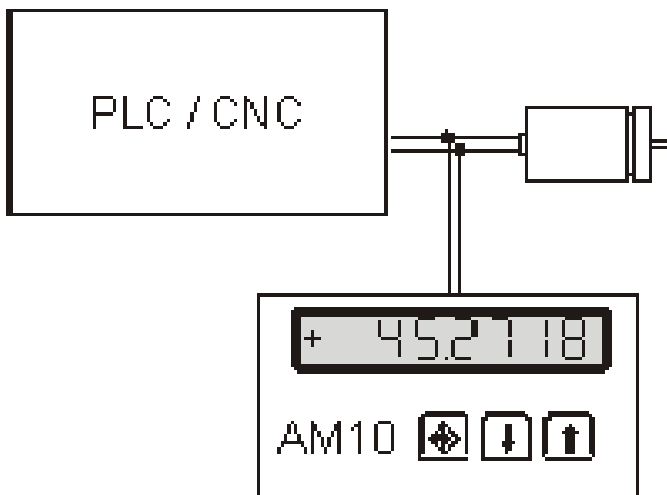# Displaymodule RS AM10

Direct connection

Parallel connection

for incremental encoders
for SSI enconders
for ultrasonic encoders
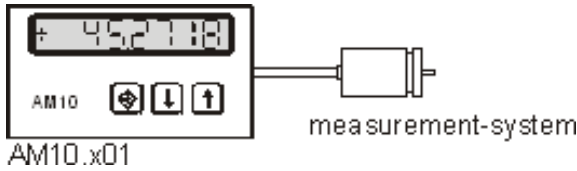
Wide display range (7 1/2 digits)
Easy legible LED display (red, 14mm digit height)
Scalable measurement (mm, Inch, degree, Litre)
Adjustable number of decimal places
Adjustable zero point and countig direction
10...32 V DC supply voltage
2 multifunction digital inputs - alternative functions:
- External zero-setting (relatively, absolutely)
- Freeze display
- Display minimal/maximal value
- Enable keyboard
2 programmable relay outputs, each with a max. load of
1 A (250 VAC) or 2 A (24 VDC), possible functions:
- Limit switch /comparator
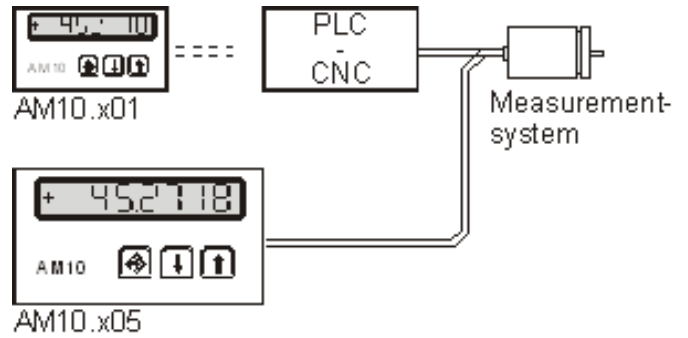- Cam
- Two-position-controller

Dimensions and cut-out according to DIN 43700:
 - Dimensions: 144 x 72 x 111 mm (W xH xD)
 - Mounting cut-out: 68 (+0,7) x 138 (+1,0) mm

Possible connections: direct or parallel

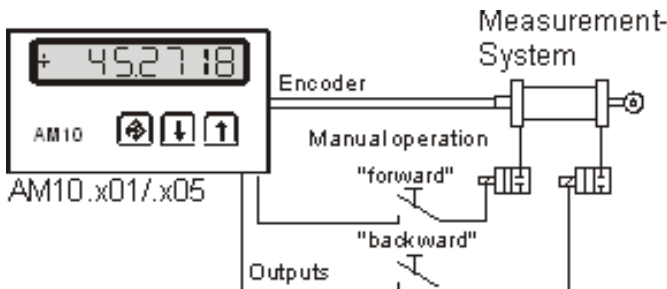Direct connectioon
to vaious measurement-systems

AM10.x01

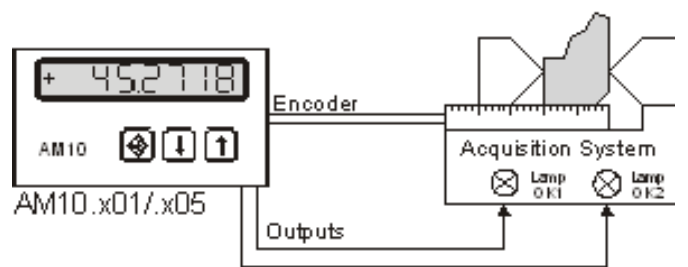Parallel connection
to other equipment like AM 10 or PLC / CNC

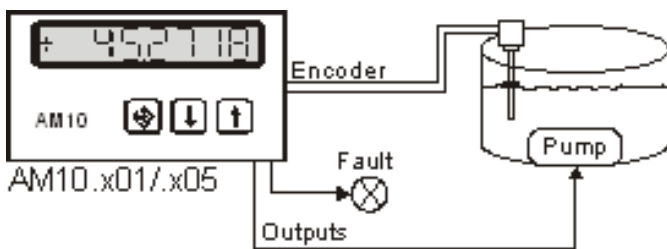

AM10.x01

AM10.x05

Aplication examples

Disply with range-limiting function
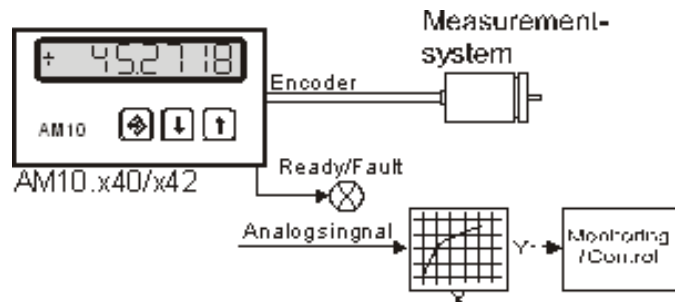outputs with limit-switch function

AM10.x01/.x05

Measurement with tolerance monitoring
outputs with cam-function

AM10.x01/.x05

Level control with range monitoring
outputs with cam and two-position controler

AM10.x01/.x05

Interfacing analogous systems
with optional 16 Bit analog output

AM10.x40/x42

Order data

RS AM10.101	for incrmental encoders, for direct as well as parallel connection
RS AM10.201	for SSI absolute encoders (direct connection only)
RS AM10.205	like RS AM10.201, for direct or parallel connection (adjustable)
RS AM10.401	for ultrasonic encoders (direct connection only)
RS AM10.405	like RS AM10.401, for direct or parallel connection (adjustable)
	Options
RS AM10.xx6	4 Transistor-outputs (+24 V, high-side switch)
RS AM10.xx7	like RS AM10.xx6, for direct or parallel connection (adjustable)
RS AM10.x1x	Delivers the displayed value to an RS232-Interface
RS AM10.x40	with 16 Bit analog output (selectable 0-10 V, 0-20 mA, 4-20 mA), supply voltage 24 VDC +/-20% required, with a „ready"-relay output, response of output can be defined freely within two points.
RS AM10.x42	like RS AM10.x40, for direct or parallel connection (adjustable)
RS AM10.x50	like RS AM10.x40, with RS232-Interface
RS AM10.x52	like RS AM10.x42, with RS232-Interface
	Further options on request
	Accesories (Samples)
RS AM10.xxx.2	Tabletop enclosure with integrated power supply (110 VAC/+24 VDC) and cord
RS 652.01014-0	Wall-plug (US-style), 110 VAC/+24 VDC, 0,5 A
RS Messsystem	Incremental-, SSI- and Ultrasonic/Magnetic measurement-systems on request.