

Multiplexer unit

D302 / D304

DESCRIPTION


- Multiplexing units for connecting Sylvac capacitive probes to a computer or a PLC
- 2 or 4 inputs for capacitive sensors P5, P10 or P25
- Aluminium and plastic housing
- Available in 2 versions :
 - D302/D304 allowing the reading and conversion of the position value of Sylvac capacitive probes up to a resolution of 0.1µm. The results are available on a USB port and on a MODBUS RS485 port.
 - D302a/D304a equipped with an extension to provide analogue voltages corresponding to the position of the probes, with a range of +/-10V and a resolution of up to 0.025 mV
- Baud rate 10-20 measurements per second depending on resolution
- Up to 16 D304 units can be coupled together to have a maximum of 64 probe inputs.
- IP40 protection



Output cable RS485 to RS485 (925-5609)

Output cable mini-USB to USB (926-6001)

 **SWISS**
MADE

RS485 

mini-USB 

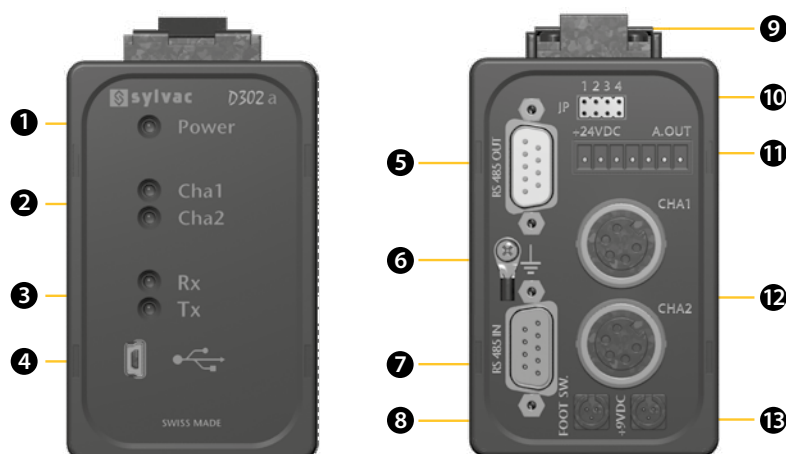


Multiplexer unit

D302 / D304

HARDWARE DESCRIPTION

- ❶ LED Power
- ❷ LED channel
- ❸ LED RS 485 activity
- ❹ USB port for PC connection
- ❺ RS 485 output
- ❻ Ground connector
- ❼ RS 485 input
- ❽ External connector
- ❾ Standard clamping (DIN 35mm)
- ❿ Jumpers
- ⓫ Analogic output / 24 VDC (only version a)
- ⓬ Probes input
- ⓭ 9V power supply input



TECHNICAL SPECIFICATIONS

		804-1302	804-1303	804-1304	804-1305
Modele		D302	D302a	D304	D304a
Max error	µm	P2 : 1.5 / P5 : 1.6 / P10 : 1.6 / P25 : 1.9			
Max. Error ¹⁾	µm	P2 : 0.5 / P5 : 0.6 / P10 : 0.6 / P25 : 0.8			
Repeatability	µm	P2 : 0.2 / P5 : 0.2 / P10 : 0.2 / P25 : 0.2			
Overall dimensions	mm	95 x 88 x 55		95 x 88 x 77	
Weight	kg	0.3			
Case		Aluminium profil / plastic TA 6			
Protection rating according to IEC 60529		IP40			
Output data		USB / RS 485			
Programmable by PC		●			
Analog output signal			-10V ... +10V		-10V ... +10V

STANDARD DELIVERY

- Unit according to technical specifications
- Feet (pair)
- RS232/RS485 cable
- Charging unit according to country (904-4200)
- Instruction manual