

DATA SHEET

Technology Module TM01

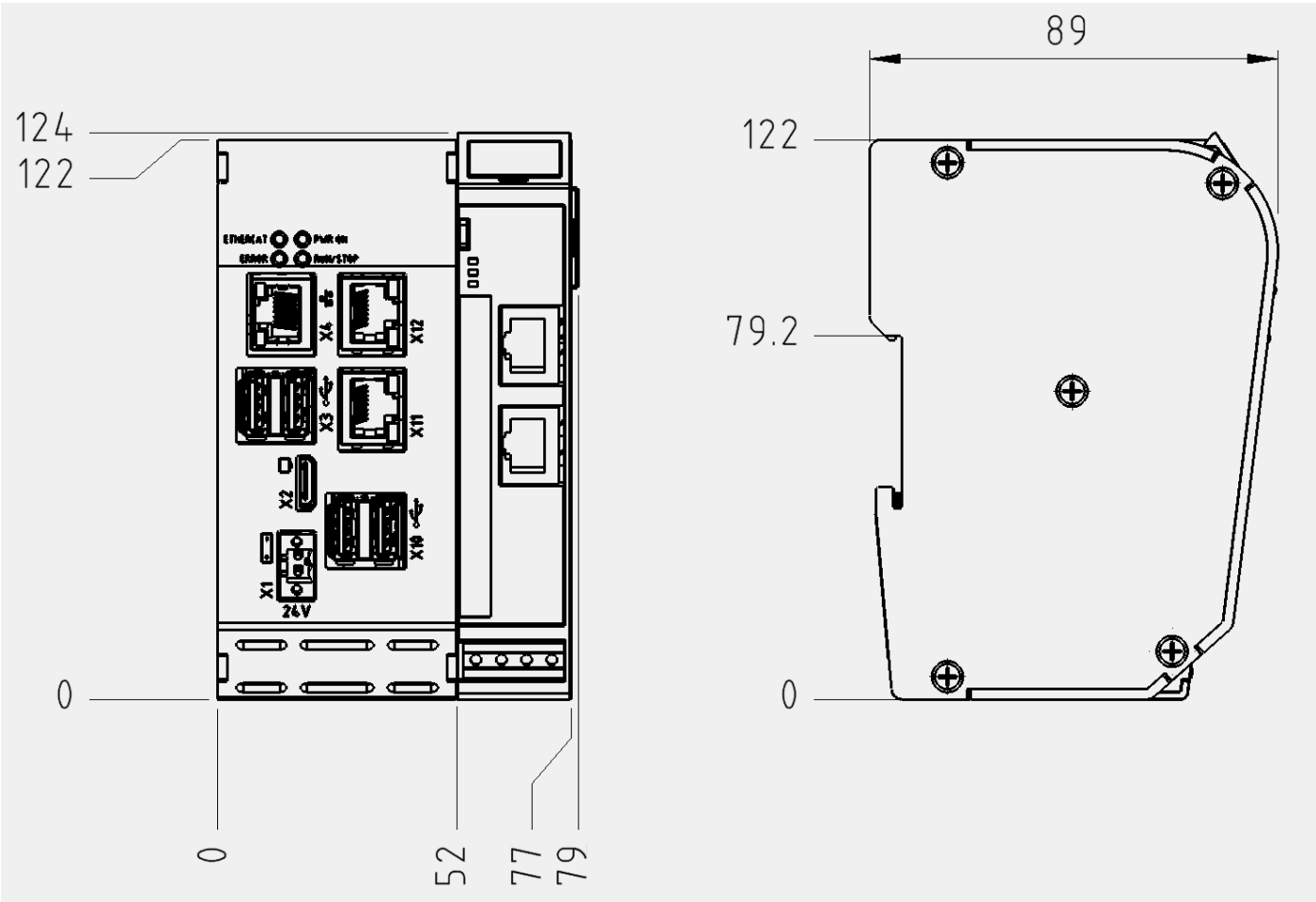


- ✓ New technology module TM01 with digital IO extension (16 IN/16 OUT)
- ✓ Robot control for up to 8 LinMot axes
- ✓ Quadcore processor 1.5 GHz
- ✓ Profinet, Ethernet IP and OPC UA

Technology module TM01

	Technische Daten
Dimensions WxHxD [mm]	79 x 124 x 89
Mounting	Rail mounting NS 35 / 7,5 EN 50022
Certification	CE (EN 61131-2)
CPU	BCM2711, 1,5 GHz Quad Core
RAM- / Flash- / Retain memory	2GB RAM / 8GB Flash / 200 kB Retain
Communication interfaces	1x Ethernet 10/100/1000 Base, RJ45
	1x Ethernet 10/100 Base 2-Port Switch, RJ45
	1x Ethercat, LVDS
Protocols	Profinet or EthernetIP with SPS, EtherCAT, including fieldbus I/Os
Visualization	WebVisu via external browser
Additional features	4 x Host USB 3.0 / USB plug type A
	1 x Real Time Clock, 30 days puffer
Supply voltage	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection
Current consumption	Typ. 0.7 A, max. 2.2 A at +24 VDC
Operating conditions	Ambient temperature: Operational 0 °C to 40 °C
Transport / storage	Transport -20 °C to +70 °C / Relative humidity: max. 85%, non-condensing
Emitted interference	EN 61131-2; EN 61000-6-4, industrial area
Immunity to interference	EN 61131-2; EN 61000-6-2, industrial area
Protection class	III
Insulation strength	EN 61131-2
Protection type	IP20

DIMENSIONS



ORDERING INFORMATION

Item	Description	Item-No.
TM01-3011-000	Technology module for FlatRobots	0150-6553

Accessories		
Item	Description	Item-No.
TM01E-DI16/DO16	Digital IO-Module (DI16/DO16 1ms/0.5A) with Connector	0150-7023
consisting of:		
B-Nimis MC-I/O DI16/DO16	Digital IO-Module (DI16/DO16 1ms/0.5A)	0150-7010
B-Nimis MC-IO 36 Plug	Connector Terminal for DI16/DO16 IO Module	0150-7021

ALL LINEAR MOTION FROM A SINGLE SOURCE

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