

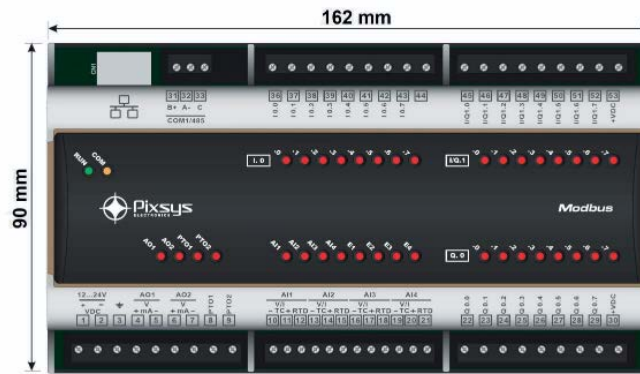
MCM280X



Remote I/O module Modbus TCP/IP

- ✓ Modbus TCP/IP interface
- ✓ Analog / Digital I/Os
- ✓ PTO outputs
- ✓ Modbus TCP/IP – RTU gateway (Bridge mode)
- ✓ Programmable by Modbus TCP/IP registers or using MyPixsysLab application





MAIN FEATURES

BOX	DIN43880 - 9x mod - 162x90x64 Noryl VO
OPERATING CONDITIONS	Temperature 0..45°C, humidity 35..95 RH%
SEALING	IP20 (box and terminal blocks)
ETHERNET	1x RJ45 Fast Ethernet 10/100 Mbit
SERIAL COMMUNICATION	1x RS485 with Modbus RTU protocol, with transparent Modbus TCP-RTU gateway/bridge function, maximum capacity 32 nodes
COMMUNICATION PROTOCOLS	Modbus TCP/IP
CONFIGURATION	Modbus Registers, MyPixsysLab desktop application

TECHNICAL DATA

POWER SUPPLY	12..24V DC \pm 10% Class 2
CONSUMPTION	approximately 100W
DIGITAL INPUTS	8x PNP 12..24V DC
DIGITAL MULTIFUNCTION CH.	8x PNP inputs 12-24V DC or static PNP outputs 12-24V DC individually selectable
DIGITAL OUTPUTS	8x static outputs 12-24V DC 700mA max 2A Tot.
ENCODER/COUNTER INPUTS	4x 32bit encoder/counter - max 100kHz overlapped to PNP digital inputs
ANALOGUE INPUTS	4x (Res. 16bit) selectable for: TC type K,S,R,J,T,E,N,B (automatic compensation of the cold junction 0.50 °C, \pm 0.2% F.S. \pm 1 Digit F.S.), thermoresistances PT100, PT500, PT1000, Ni100, PTC1K, NTC10K, (β 3435K), process signals 0..10V (54.000 points), 0/4..20mA (40.000 points), 0..60 mV (16.000 points), 0..10V, 0..5V, potentiometer 1..150K Ω (50.000 points)
ANALOGUE OUTPUTS	2x selection 4..20mA (40.000 points \pm 0,2% F.S.) or 0..10 V DC (40.000 points \pm 0,2% F.S.)
PTO - PULSE TRAIN OUTPUTS	2x outputs configurable ON/OFF, PWM, 12-24V DC (max: 20mA, max freq.: 200kHz)

ORDERING CODES

MCM280X-20AD EXP/PLC 9 MODULES 162X90 - MODBUS TCP 8DI-8DO-8DI/O-4AI-2AO-2PTO-ETH-RS485

CONNECTION EXAMPLE IN BRIDGE MODE

