

MPC-040



Main features:

- Freely chosen interfaces: up to 4 interfaces.
- Supported interfaces: RS485, RS232, Opto (Kamstrup), Mbus, Current Loop.
- Galvanically isolated interface: second
- Supported protocol: Modbus RTU.
- Dimensions: 120mm x 101mm x 35mm
- Fixing: on DIN32.
- Power: 10-30 VDC (SVA)

First interface	
RS485	distance up to 1,2km, max 32 transivers, speed up to 19.2 Kbits/s
RS232	distance up to 15m, speed up to 19,2Kbit/s
Second interface (galvanically isolated)	
RS232	distance up to 15m, speed up to 19,2Kbit/s
Opto	(Kamstrup) data transfer interface
MBus	up to 8 devices
Third interface	
RS232	distance up to 15m, speed up to 19,2Kbit/s
Fourth interface	
2 wire active Current Loop	25-27V, 14-20mA, up to 6km, speed up to 19,2Kbit/s
General	
Power	9-36 VDC
Galvanic isolation	>1000V
Capacity	200mA max
Regulatory approvals	
Electromagnetic compatibility	EN 55022:2010 EN 55024:2010 EN 61000-4-2:2009 EN 61000-4-3:2006 EN 61000-4-3:2006/A1:2008 EN 61000-4-3:2006/A2:2010 EN 61000-4-4:2004 EN 61000-4-4:2004/A1:2010 EN 61000-4-6:2009
Safety	EN 60950-1:2006+A1:2010+A11:2009+A12:2011
Specification	

CPU	C8051F345
Memory	archive storage 1-8 MB, independant data storage without power about 5 years
LED indication	
Power	+
Serial ports read/write for each port	+
Programing and updating	
Locally	RS232, RS485
Physical characteristics	
Dimmensions	120x101x35 mm
Mounting type	on DIN32 rail
Safety class	IP20
Climate conditions	
Operating temperature	-25..+60 °C
Humidity range	5-95%, non-condensing
Other fuetures	
Real time clock	+
24 months warranty period	+

OVERVIEW

Controller MPC-040 is created for data logging and analyzing in a real time. Using RS232, RS485, MBUS, Opto, Current loop controller read data and in set intervals send to remote users.

Device supports common interfaces (RS232, RS485, MBus, Opto, Current loop) and use Modbus RTU protocol for data transfer.

DEFUAL FEATURES

- Interfaces: GSM/GPRS, RS232, RS485, Opto, Mbus and Current loop;
- 32kB of energy-independent memory with real time clock, for safety of your data;
- Galvanically isolated interfaces and power supply.