

IC 912 LX PT100

Single stage controller for temperature

IC 912, IC 912/R, IC 912/P, IC 912/V-I IC 912 controllers have one point of intervention only and can be used for temperature (IC 912), relative humidity (IC 912/R) and pressure (IC 912/P) control, provided for ON-OFF operation. Some models have an input for PTC/NTC thermostatic probes or for Pt100/Tcj/Tck probes, EWHS280/300/310 humidity probes, for EWPA007/030 pressure transducers, for 0/4..20 mA, 0..1/5/10 V current and voltage signals (selectable with a parameter). The values measured by the probes are displayed with three and a half digits and a minus sign. All models have TTL connections that enable the controllers to be used with Copy Card, the quick programming accessory. IC 912LX The IC 912LX version includes a connection for TelevisSystem, or alternatively for networks with ModBUS protocol.

Technical Data

Frontal protection	IP 65
Container	plastic resin PC+ABS UL94V-0, polycarbonate glass, thermoplastic resin keys
Dimensions	32x74 mm, depth 60 mm
Mouting	panel mounting, cut out 29x71 mm (+0.2/-0.1mm)
Usage temperature	-5...55°C
Storage temperature	-30...85°C
Usage environment humidity	10...90% RH
Storage environment humidity	10...90% RH
Serial	TTL port for Copy Card
Display	3½ digits plus sign
Precision	above 0.5% of bottom scale + 1 digit
Consumption	3 VA (115/230 V model), 1.5 VA (12 V model)
Resolution	1°C or 0.1°C (selectable with a parameter).
Connections	screw terminals for <2.5mm ²
Power supply	230, 115, 24Vac, 12Vac/cc ± 10%, 50/60Hz



Description of wiring diagram :

- 1-2 Relay N.O.
- 1-3 Relay N.C.
- 6-7 Power supply
- 10-11-12 probe

IC 912 LX

A TTL input for Copy Card and TelevisSystem

8-9 Digital Input (Pt100/TC model)

8-11 Digital Input (PTC/NTC model)

9 "+" voltage input

10 "+" current input

11 12 Vc input
A TTL input for Copy Card
T Temperature probe input

