

### 3. Technical specifications

| <b>Connection method</b>   |   |
|--|---|
| Wiring form  | 2-wire system   |
| <b>Interface characteristics</b>   |   |
| Input points   | 4   |
| sensor type  | T-type thermocouples  |
| temperature range  | -200~+350°C   |
| Resolution   | 0.1°C/digital   |
| Conversion time  | <250 ms   |
| Measuring current  | 0.5 mA  |
| Measurement error  | 1%  |
| Electrical isolation   | 500 Vrms (GC-bus/signal voltage)  |
| Power supply   | Powered by GCAN-PLC-400 or GCAN-8000/8100 coupler, the current consumption is more than 200mA |
| Bit width in process image   | Input: 4 x2 bytes   |
| Configuration method   | Automatic configuration in order  |
| <b>Environmental test</b>  |   |
| Operating temperature  | -40°C~+85°C   |
| Working humidity   | 95%RH, no condensation  |
| EMC test   | EN 55024:2011-09<br>EN 55022:2011-12  |
| Anti-vibration/impact resistance   | EN 60068-2-6/EN 60068-2-27/29   |
| Anti-electromagnetic interference/anti-electromagnetic radiation performance | EN 61000-6-2 /EN 61000-6-4  |
| Protection level   | IP 20   |
| <b>Basic Information</b>   |   |
| Dimensions   | 100mm *69mm *12mm   |
| weight   | 50g   |