

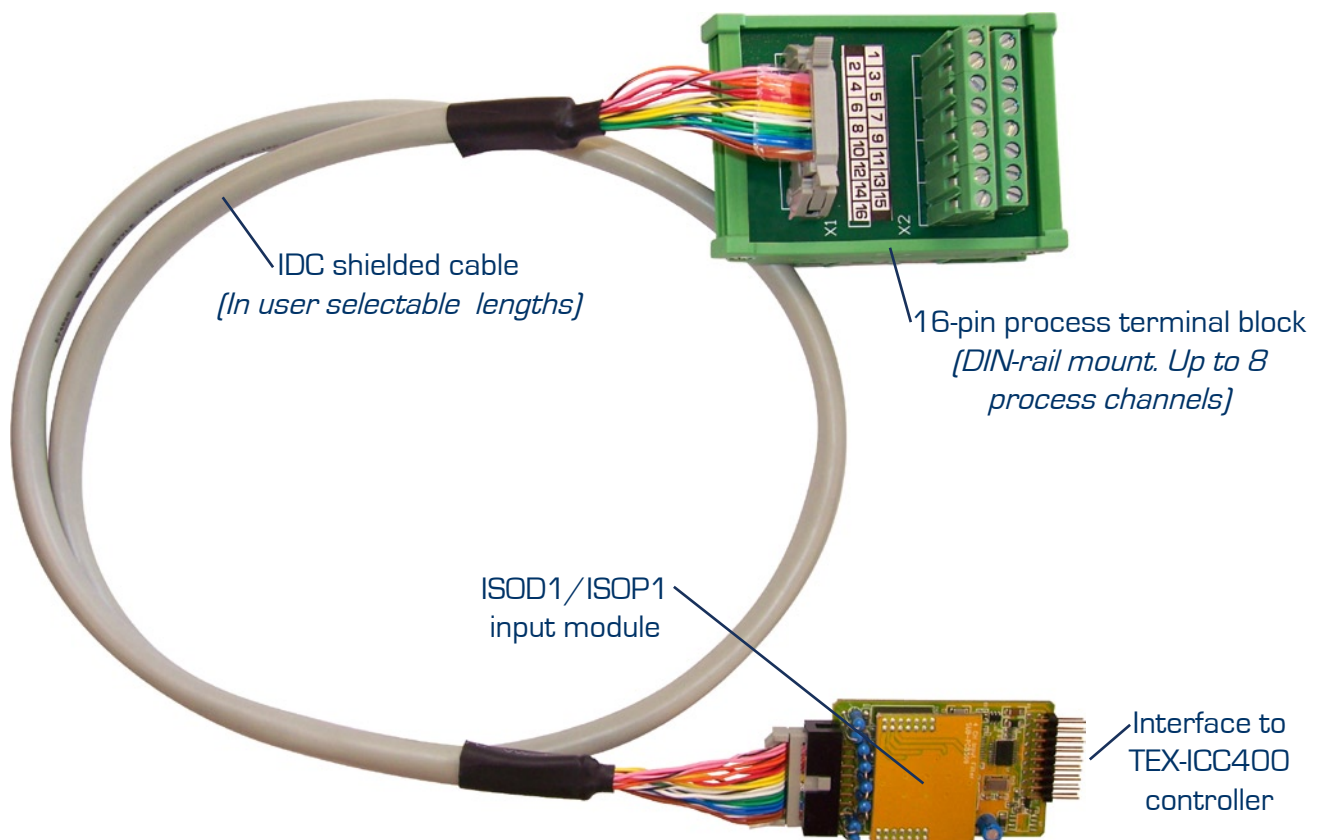
ISOD1 & ISOP1

Smart eight-channel process input modules

ISOD1 & ISOP1

When faced with the task of supplying precise and stable voltage measurement for multiple engineering applications, look no further than Texmate's ISOD1 and ISOP1 input modules.

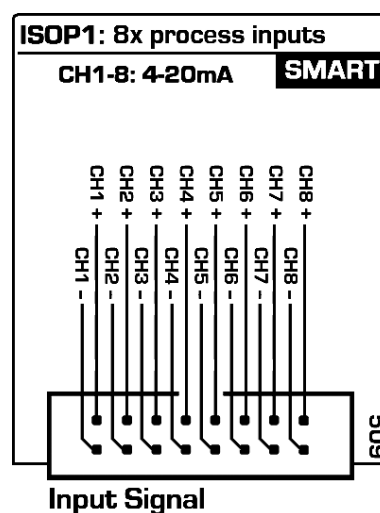
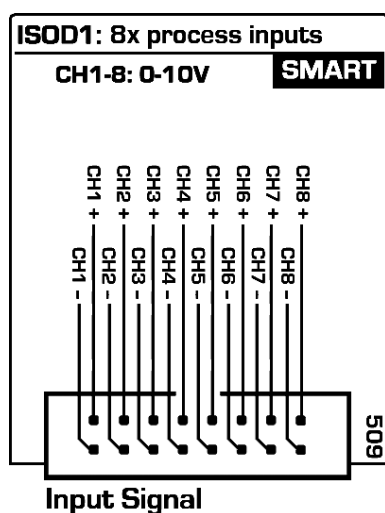
Each ISOD1 or ISOP1 module has eight process inputs in the DIN-rail terminal block, which is connected back to a 16-bit A/D convertor in the input module. These modules were created for use with the TEX-ICC400 intelligent customisable controller.



ISOD1 & ISOP1 Specifications

| | |
|-------------------------|--|
| Input channels: | 8 inputs (software configurable) |
| Input range: | $\pm 100\text{mV}$ to $\pm 20\text{V}$ |
| Input sensitivity: | $0.5\mu\text{V}/\text{count}$ maximum. |
| Zero drift: | $\pm 40\text{nV}/^\circ\text{C}$. |
| Span drift: | $\pm 50\text{ppm}/^\circ\text{C}$ of full scale maximum. |
| Non-linearity: | $\pm 0.003\%$ of full scale maximum. |
| Frequency select: | 50Hz/60Hz rejection |
| Signal processing rate: | 5Hz averaged output rate on all channels. |

Component Layout



Set-up Procedure

Texmate ISOD1 and ISOP1 input modules come to you pre-configured. However, if you lose the pre-configured setup, the original macro is available to you online. Type (or paste) the following link into a new browser window to begin download: www.texmate.co.nz/downloads/macros/ISOD1-P1.bas

Two point calibration can be done using the Texmate Configuration Utility program, which is available online at www.texmate.co.nz/downloads.html. [A comprehensive quick-start guide for the configuration utility is also available at the same address].

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Email: info@texmate.co.nz
www.texmate.co.nz

Texmate NZ Ltd.
 Unit 2,
 10 Canaveral Drive,
 Albany, Auckland
 New Zealand
 Ph: +64-9-835-1550
 Fax: +64-9-835-1250

Distributor: