Status Instruments Ltd, Status Business Park, Gannaway Lane, Tewkesbury, Gloucestershire, UK, GL20 8FD Web Page: www.status.co.uk Tel:+44 (0) 1684 296818 Fax: +44 (0) 1684 293746 email: sales@status.co.uk

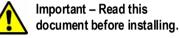
SEM1620 USER GUIDE

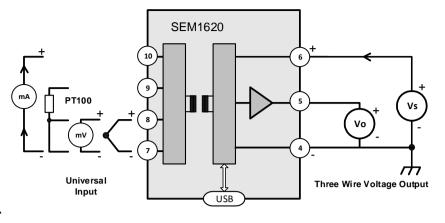
INS

STATUS

DIN RAIL MOUNTED CONDITIONER UNIVERSAL INPUT THREE WIRE VOLTAGE OUTPUT







Every effort has been taken to ensure the accuracy of this document, however we do not accept responsibility for damage, injury, loss or expense resulting from errors and omissions, and we reserve the right of amendment without notice.

IMPORTANT - CE, UKCA & SAFETY REQUIREMENTS

Product must be DIN rail mounted, inside a suitable enclosure providing environmental protection to IP65 or greater.

To maintain CE EMC requirements , input and supply wires must be less than 30 metres.

Dc supply must be derived from a local supply and not a distribution system.

The product contains no serviceable parts, or internal adjustments, no attempt must be made to repair this product. Faulty units must be returned to supplier for repair.

This product must be installed by a qualified person. All electrical wiring must be carried out in accordance with the appropriate regulations for the place of installation.

Before attempting any electrical connection work, please ensure all supplies are switched off.

ABSOLUTE MAXIMUM CONDITIONS (To exceed may cause damage to the unit):-

Supply Voltage Current with over voltage Input Voltage Input Current Ambient ± 30 V dc (Protected for over voltage and reverse connection) ± 200 mA ± 5 V between any terminals ± 100 mA between terminals 7 & 10 Temperature (-30 to 75) °C Humidity (10 to 95) % RH (Non condensing)

PRODUCT SPECIFICATION

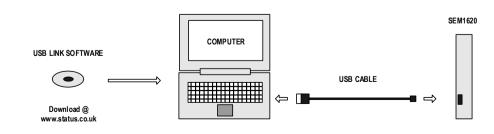
Please refer to the product data sheet for full specification, available to down load at www.status.co.uk.

RECEIVE AND UNPACKING

Please inspect the packaging and instrument thoroughly for any signs of transit damage. If the instrument has been damaged, please notify your supplier immediately.

CONFIGURATION

IMPORTANT The SEM1620 can be configured whilst connected and powered, but a portable battery powered computer must be used to avoid the effects of ground loops.

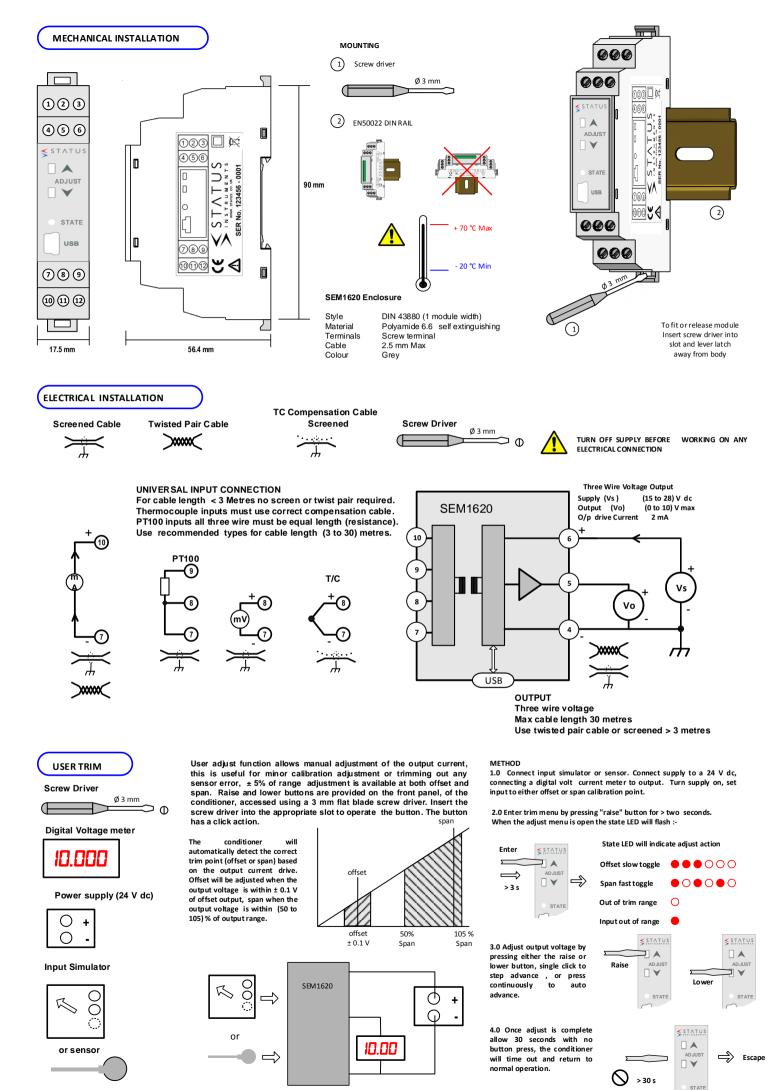


The following parameter can be configured by simply entering as prompted by the software package.

- Input type (K,J,E,N,T,R,S,mV,PT100,mA)
- · Low range
- High range
- ·Units (°C, °F, mV, mA)
- · Burnout (direction of output current on sensor burnout)
- Output Range (0 to 10), (0 to 5), (0 to 1), (1 to 5), and (2 to 10) V
- User Adjust (option to lock out front panel adjust function)

Inputtype		= P
Units		= °C
High Range		= 100
Low Range		= 0
Burnout		= UPSCALE
Output range	= (0 to 10) V	
User Adjust		= ON

Factory de fault:



D2442-01-05