



Electronic Gauge Interface

MULTIPLEXER

The Baker Multiplexer is a simple measurement data transfer device. It serves as a hub for interfacing more than one Baker Digital input (from digital instruments or digital readout units) to the PC for data acquisition, storage and analysis.



TECHNICAL DATA

- Data Input port : 4 Channels (RS232)
- Data Output port : One (RS232)
- Data Output format : RS232 C
- Data transmission method : Simplex or Half-duplex
- Data transmission code : ASCII
- Data length : 8 bits
- Start bit : 1
- Stop bit : 1
- Parity check : None
- Baud rate : 9,600 / 19,200
- Power supply : 230 V AC
- Dimensions : (W x D x H) : 235 x 245 x 90 mm
- Optional Accessory : Foot switch

FEATURES

- Up to 4 RS232 compatible Baker electronic measuring inputs can be interfaced to one 4 channel multiplexer
- PC can access RS232 data from the four Baker electronic measuring instruments through RS232 Output port of the 4 channel multiplexer
- Maximum distance between Baker multiplexer and PC is 2 meters, and that of Baker instrument to the multiplexer is 3 meters
- Data from each Baker instrument is tagged by a unique ID to prevent data loss, corruption or mixing

Data acquisition possible in following methods

- By pressing data switch on digital instrument / digital read out unit
- By pressing a foot switch
- Calling command from PC to fetch data from the digital instrument / digital read out unit

