SIXTRAK®

8 Channel 4-20 mA Input Module

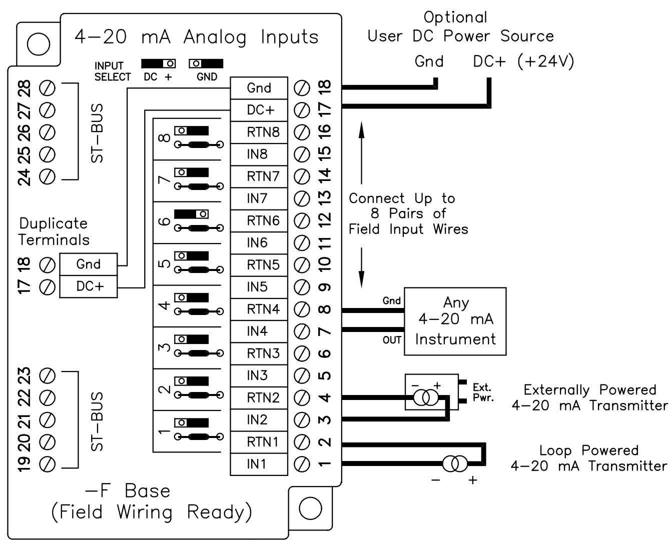
Select an 8 channel 4-20 mA input module when…

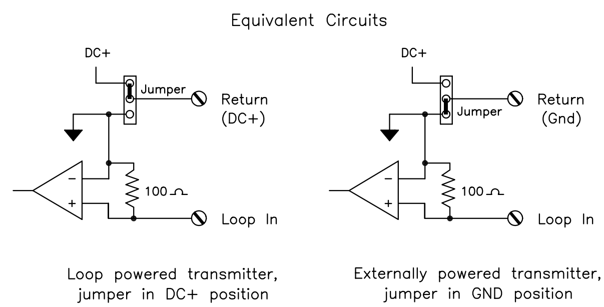
…the convenience of field wiring ready terminals will simplify your design and reduce panel wiring.

- 12-bit A/D converter for precision measurements
- Field ready wiring saves time and panel space
- Field configurable wiring choice for loop-powered transmitters or ground return instruments
- Field replaceable shunts reduce maintenance time

Performance Specifications

Number of channels	8
Input range	4-20 mA
A/D resolution	12 bits
Input resolution	6 µA
Full scale accuracy (@ 20°C)	0.10%
Input span adjustability	+/- 25%
Input offset adjustability	+/- 25%
Span temperature coefficient	+/- 50 ppm per °C
Offset temperature coefficient	+/- 50 ppm per °C
Input impedance	100 Ohms
DMRR (differential rejection at 50/60 Hz)	66 db
Input protection	Field-replaceable shunts
Fastest scan rate (all 8 channels)	5 mS
User DC loop power (optional)	24 VDC
Maximum ST-Bus power	600 mW
Isolation (input to ST-Bus)	1200 VDC
Operating temperature range	-30 to 70°C
Storage temperature range	-40 to 85°C
Humidity (non-condensing)	5 to 95%





Ordering Information

Description	Part Number
8 Current Inputs w/Wiring Base	ST-AI-20M-08F
Module only	ST-AI-20M-08M