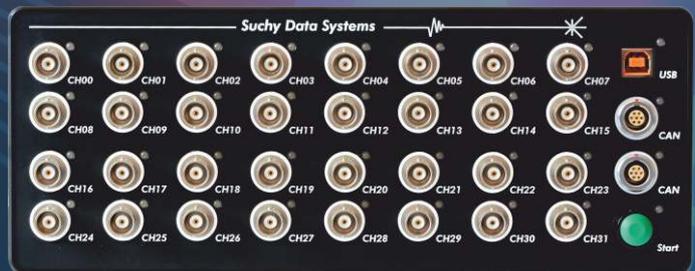
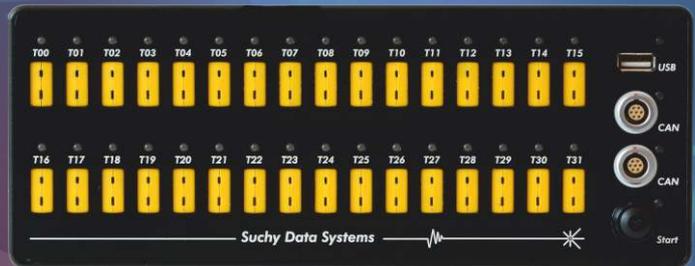




# xPro Extension Units

## Signal Conditioning



# xproTherm • xProAnalog • xProCombo

## 32 Channel Extension Units

Suchy Data Systems

### Need more channels for Thermo & Analog ?

then our xpro signal conditioning modules are the ideal supplement for your system - no matter if it is a 2HE-PCI from SUCHY or almost any other data logger.

Optimized for various applications we provide different configurations:

- **xPro Therm32** - 32 Temperature channels
- **xPro Analog32** - 32 Analog inputs
- **xPro Combo32** - 16 Thermo / 16 Analog



### Adapt xPro Modules in a Minute

Attaching xpro modules to your logger is as simple as this:

- Connect CAN cable
- Attach power supply
- Read-in the provided .dbc file
- You are ready to run!

### Precision Thermocouple Conditioning

xPro modules give you the best value for money: Each channel is equipped with its own galvanically isolated power-supply which removes issues with ground loops.

The latest 24-Bit converter technology results in the highest possible resolution.

A separate cold junction temperature sensor for each channel guarantees best results.

Individual dual-color status LEDs monitor channel activation and valid signal range.

All these features result in an excellent overall precision and reliability.

### ... need even more channels ?

No problem! xpro extension units can be chained by the integrated CAN hub.

A stack of modules with the necessary number of input channel will handle even the most comprehensive test scenarios.

### Technical Data

- Integrated CAN hub
- Status LED for each channel
- Automotive power supply 10 ... 32 VDC
- Overvoltage and wrong polarity protection

#### xPro Therm32

- 24 Bit technology
- Galvanic isolation from channel to channel
- Sensor burn-out detection

#### xPro Analog32

- Precision instrumentation amplifier
- Parallel sampling of data
- 18 bit resolution
- Input range +/- 12 V plus PGA
- Data rate up to 100 Hz

when things heat up - win the race with xpro

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