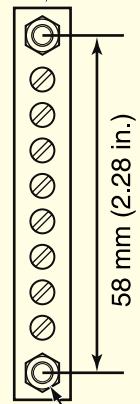


Record the Channel information. Circle the selected jumpers.

Earth/Ground Strip for termination of wire shields.



4 mm Stud – Must be true earth/ground to the enclosure.

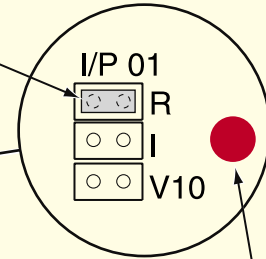
Input Connections

R01	I01	R	I	V
R02	I02	R	I	V
R03	I03	R	I	V
R04	I04	R	I	V
R05	I05	R	I	V
R06	I06	R	I	V
R07	I07	R	I	V
R08	I08	R	I	V
R09	I09	R	I	V
R010	I010	R	I	V
R011	I011	R	I	V

Field Supply (24 ±10% VDC)

I/O Bus and Power Supply Connector (from Processor or previous module)

Input Jumper



Signal Status LED

For analog signals:
 Brightness indicates voltage level
 For digital signals:
 ON = Device contacts open
 OFF = Device contacts closed

Module Address (1 to 9, A)

Record Module Address

The Input Module addresses must be numbered sequentially.

SYSTEM STATUS LED

The SYSTEM STATUS LED illuminates when functioning properly. If not lit, power is removed or the module is not functioning.
 1 flash per second = Normal Operation
 2 flashes per second = Address not set
 1 flash per two seconds = Duplicate Address (Two modules use the same address)
 Continuously ON = Software (F63) is not enabled

I/O Bus and Power Supply Connector (to next module)

Field Supply (24 ±10% VDC)

SN: _____
 Record
 Date: _____

*Universal
 Input Module
 for CX-UDC & UDC*

Universal Input Module

for CX-UDC & UDC

Part Number: 371-03634-000

The Universal Input Module has 11 channels. Each channel accepts voltage, digital, pulse and current signals from external devices. Jumpers are provided for each channel which must be selected for the appropriate signal type.

Each module includes a 220 mm (8.6 in.) I/O bus cable and Earth/Ground strip with attaching hardware.

Using the software within the UDC, the information is monitored, forwarded to other controllers or processed and used to control other external devices.

Other modules are available for other types of input or output signals. This equipment is an accessory intended for use with the CX-UDC and UDC product line for field installation within an enclosure.

Contact:

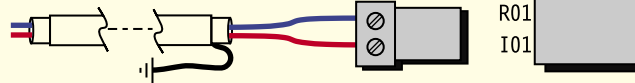
YORK Controls Group (U.K. Office)
Unit 1, Red Shute Hill, Hermitage,
Newbury, Berks RG18 9QL
Telephone: +44 (0)1635-202200
Fax: +44 (0)1635-202222
e-mail: controls.sales@uk.york.com

YORK Controls Group (U.S. Office)
P.O. Box 1592, York, PA, USA 17405-1592
Telephone: 800-861-1001
Fax: (717) 771-7640
www.york.com
e-mail: isncontrols@york.com

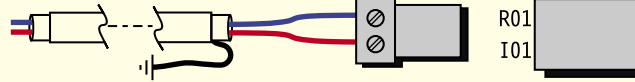
VOLTAGE CONNECTIONS

Recommended wire: Overall shielded AWG22
(Belden 8761 or equivalent)

0-10 volt DC



0-5 volt DC

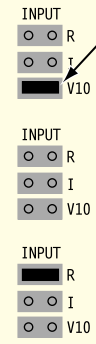


Thermistor



Connectors on the Module

Jumper Position



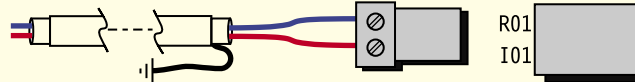
Note: No jumper required for 0-5 volt signals

Terminate the shields to the ground strip at the controller end. Leave open at the sensor end.

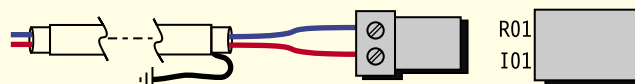
DIGITAL CONNECTIONS

Recommended wire: Overall shielded AWG22
(Belden 8761 or equivalent)

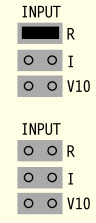
Digital Input
(Volt Free Contacts)



Pulse Input
(Max. 20 Hz)



Terminate the shields to the ground strip at the controller end. Leave open at the sensor end.

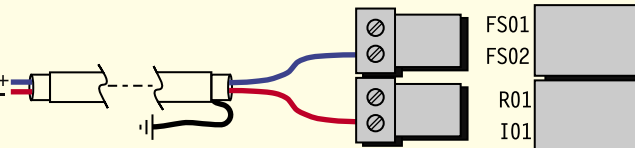


Note: Jumper position must match signal type.

CURRENT CONNECTIONS

Recommended wire: Unshielded AWG22
(Belden 8442 or equivalent)

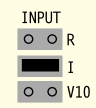
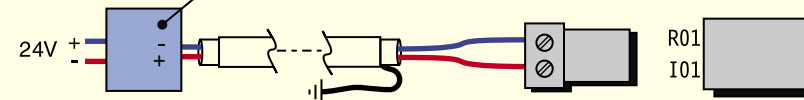
4-20 mA Input
(2-wire device with Internal Supply)



Connect to Field Supply at either end.

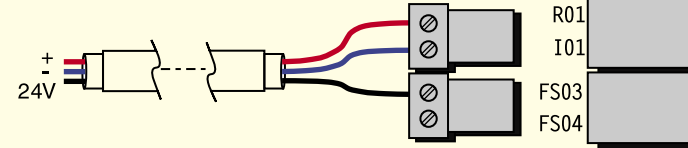
Note: For any external devices the Earth/Ground must be common or the actuator must have isolated grounds.

4-20 mA Input
(External Supply)



CAUTION: Do not connect to I/O before commissioning the UDC.

4-20 mA Input
(3-wire device with Internal Supply)



Connect to Field Supply at either end.