

Isolation Barriers



I/O Cards



Displays & Controllers



Process Instruments and Transmitters



An ISO 9001:2015 Certified Company



ISOLATION PRODUCTS:

DC Current Isolators:



Item Code	Input (4-20mA)	Galvanically Isolated Output (4-20mA)	Power Supply
A-ISO-DC-C1-C1-S	1 Channel	Repeat Input on 1 Channel	24VDC
A-ISO-AC-C1-C1-S	1 Channel	Repeat Input on 1 Channel	230VAC
A-ISO-DC-C1-C2-S	1 Channel	Repeat Input on 2 Channels	24VDC
A-ISO-AC-C1-C2-S	1 Channel	Repeat Input on 2 Channels	230VAC
A-ISO-AC-C1-C2-M-VFD	1 Channel	Repeat Input on 2 Channels	230VAC for VFD Application
A-ISO-DC-C1-C4-M	1 Channel	Repeat Input on 4 Channels	24VDC
A-ISO-DC-C2-C2-S	2 Independent Channels	2 Independent Channels	24VDC
A-ISO-DC-C1-C1-S-AP24	1 Ch / 2WT	Repeat Input on 1 Channel	24VDC +24VDC Aux PS for 2W Loop

DC Voltage Isolators:



Item Code	Input Voltage	Galvanically Isolated Output (0-10VDC)	Power Supply
A-ISO-DC-V1-V1-S	0-10VDC	0-10VDC	24VDC

Isolating Converters:



Item Code	Input	Galvanically Isolated Output	Power Supply
A-ISO-DC-C1-V1-S	4-20mA	0-5VDC / 0-10VDC	24VDC
A-ISO-AC-C1-V1-S	4-20mA	0-5VDC / 0-10VDC	230VAC
A-ISO-DC-V1-C1-S	0-5VDC / 0-10VDC	4-20mA	24VDC
A-ISO-AC-V1-C1-S	0-5VDC / 0-10VDC	4-20mA	230VAC
A-ISO-DC-M1-C1-S	0-1000mVDC	4-20mA	24VDC
A-ISO-AC-M1-C1-S	0-1000mVDC	4-20mA	230VAC
A-ISO-DC-VH-C1-S	0-100VDC	4-20mA	24VDC
A-ISO-AC-VH-C1-S	0-100VDC	4-20mA	230VAC
A-ISO-DC-AV-C1-S	0-30VAC	4-20mA	24VDC
A-ISO-AC-AV-C1-S	0-30VAC	4-20mA	230VAC
A-ISO-DC-AMV-C1-S	0-500mVAC	4-20mA	24VDC
A-ISO-AC-AMV-C1-S	0-500mVAC	4-20mA	230VAC
A-ISO-DC-CTR-C1-S*	0-500mVAC	4-20mA	24VDC
A-ISO-AC-CTR-C1-S*	0-500mVAC	4-20mA	230VAC
A-ISO-DC-LTCT-C1-M**	0-5Amp AC	4-20mA	24VDC
A-ISO-AC-LTCT-C1-M**	0-5Amp AC	4-20mA	230VAC
A-ISO-DC-HTCT-C1-M**	0-1Amp AC	4-20mA	24VDC
A-ISO-AC-HTCT-C1-M**	0-1Amp AC	4-20mA	230VAC
A-ISO-DC-F-C1-S	0-10KHz @ 0-10VPP	4-20mA	24VDC
A-ISO-AC-F-C1-S	0-10KHz @ 0-10VPP	4-20mA	230VAC
A-ISO-DC-R1-C1-S	0-1 K-Ohms	4-20mA	24VDC+5VDC Aux PS for Resistor
A-ISO-AC-R1-C1-S	0-1 K-Ohms	4-20mA	230VAC+5VDC Aux PS for Resistor

*A-ISO-DC-CTR-C1-S is A-ISO-DC-AMV-C1-S with Eternal Shunt Resistance for LT Current Transformer.

**A-ISO-DC-LTCT-C1-M and A-ISO-AC-HTCT-C1-M are products respectively designed for LT and HT Current Transformers

TEMPERATURE PRODUCTS:

Isolating Temperature Transmitters:



Item Code	Input	Galvanically Isolated Output	Power Supply
A-ISO-DC-RT-C1-S	RTD PT-100 3W	4-20mA (0-200 °C)	24VDC
A-ISO-DC-RT-C2-M	RTD PT-100 3W	4-20mA (0-200 °C) Repeat on 2 Channels	24VDC
A-ISO-DC-RT1-C1-S	RTD PT-1000	4-20mA	24VDC
A-ISO-DC-TK-C1-S	TC K-TYPE	4-20mA (0-1200 °C)	24VDC
A-ISO-DC-TK-C1-S	TC J-TYPE	4-20mA (0-750 °C)	24VDC

Isolating Temperature Transmitter for Thermocouples J, E, T, N, B, S and R are made to order and the Item Code (IC) can be changed by mentioning the TC Type as **Item Code for K-Type** A-ISO-DC-TK-C1-S thus **Item Code for S-Type** A-ISO-DC-TS-C1-S. Please send Enquiry to sale@yutech.in.

Non Isolating Temperature Transmitters:



Item Code	Input	Output	Power Supply
A-2W-RT-C1-S	RTD PT-100 3W	4-20mA	24VDC
A-2W-RT-C1-HM	RTD PT-100 3W	4-20mA	24VDC
A-2W-TK-C1-S	TC K-TYPE	4-20mA	24VDC
A-2W-TJ-C1-S	TC J-TYPE	4-20mA	24VDC

Non-Isolating Temperature Transmitter for Thermocouples J, E, T, N, B, S and R are made to order and the Item Code (IC) can be changed by mentioning the TC Type as **Item Code for K-Type** A-ISO-DC-TK-C1-S thus **Item Code for J-Type** A-ISO-DC-TJ-C1-S. Please send Enquiry to sale@yutech.in.

Note: Please go through the Product Data-sheets (Doc No: A-ISO-DS-2018-100%) for Detailed Technical Specifications.

DISPLAYS AND CONTROLLERS:

Indicators and Controllers:



Item Code	Input	Retransmission Output (4-20mA)	Potential-Free Relay Output	Display Size (Inch)
A-AC-U-C1R2-LD05-PM48	Universal	Yes	2 Relays	1/2"
A-AC-U-C1R2MB-LD05-PM48	Universal	Yes & Modbus RTU	2 Relays	1/2"
A-AC-2WC1-SQC1R2-LD05-PM48	4-20mA on 2WT Aux PS	Sq Rt Extracted	2 Relays	1/2"
A-AC-U-C1-LD10-PM144	Universal	Yes	No	1"
A-AC-U-R2-LD10-PM144	Universal	No	2 Relays	1"
A-AC-U-C1-LD20-PM192	Universal	Yes	No	1.8"
A-AC-U-R2-LD20-PM192	Universal	No	2 Relays	1.8"
A-AC-U1C1-PIDC1TP-2LD05-PM96	Universal	Yes - PID	O/P 2 Relays (TP*)	1/2"
A-AC-U1C1-PIDC1R2-2LD05-PM96	Universal 2 Ch	Yes - PID	O/P 2 Relays	1/2"
A-AC-U-C1R2MB-LD10-PM144	Universal	Yes & Modbus RTU	2 Relays	1"
A-AC-U-C1R2MB-LD20-PM192	Universal	Yes & Modbus RTU	2 Relays	2"

*Universal Input supports: RTD-PT100, TC, 4-20mA and 0-2000mVDC

**Time Proportionate Output in Forward and Reverse Relays for Increment and Decrement

Auto - Manual Stations:



Item Code	Input	Retransmission Output (4-20mA)	Potential-Free Relay Output	Display Size (Inch)
A-AC-R1C1-AMC1-LD05-PM96	Universal	1 Channel	No	1/2"

Jumbo Displays:



Item Code	Input	Retransmission Output (4-20mA)	Potential-Free Relay Output	Display Size (Inch)
A-AC-UMB-C1R2-JD4-4D	Universal or Modbus RTU	Yes	2 Relays	4"
A-AC-UMB-C1R2-2JD4-4D	Universal or Modbus RTU	Yes	2 Relays	4" Double Sided
A-AC-UMB-C1R2-JD6-4D	Universal or Modbus RTU	Yes	2 Relays	6"
A-AC-UMB-C1R2-2JD6-4D	Universal or Modbus RTU	Yes	2 Relays	6" Double Sided
A-AC-UMB-C1R2-JD8-4D	Universal or Modbus RTU	Yes	2 Relays	8"
A-AC-UMB-C1R2-2JD8-4D	Universal or Modbus RTU	Yes	2 Relays	8" Double Sided

All above products have 230VAC (+/- 20%) Power Supply (AC in Item Code).

Larger Display Sizes can be specially ordered. Example: Standard Item Code for Single 6" Jumbo Display is A-AC-UMB-C1R2-JD6-4D for 10" Display Item Code will be A-AC-UMB-C1R2-JD10-4D.

Standard Displays are up to 8 Digits and can be ordered by changing the number in the last leg of the item code.

Example: For 5 Digits Display the Item Code will be A-AC-UMB-C1R2-JD6-5D, similarly for 8 digits, A-AC-UMB-C1R2-JD6-8D.



We also make Alphanumeric Rolling Display of various sizes. The prices will be worked out on receipt of enquiry with clear technical details.

Please contact us for any specialized requirement at sale@yutech.in.

SENSORS AND TRANSMITTERS:

Furnace Flame Detector And Flame Sensor:



Item Code	Description	Output	Power Supply
ASD-FS	Flame Sensor	----	24VDC
ASD-FD-DC-FDS-R1-S	Flame Detector	Potential Free Relay	24VDC

Typically used in any type of Gas or Diesel Fired Furnace to detect Flame. Should always be ordered as a Set of Sensor and Detector ordering code will be ASD-FS + ASD-FD-DC-FDS-R1-S. Separate order is treated as spares order.

Draught / Draft Pressure Transmitter:



Item Code	Input	Output	Power Supply	Range
ASD-DT-DC-2WC1-M	6mm PU Tube Pressure Port	4-20mA on 2-Wire Transmitter	24VDC	0 - (+/-)1000mmWC,
ASD-DT-DC-2WC1-FM	6mm PU Tube Pressure Port	4-20mA on 2-Wire Transmitter	24VDC	-500 to 500 mmWC, 0 - (+/-)1000mmWC, -500 to 500 mmWC

Draft Pressure Transmitter can be used to measure Air / Safe Gas Pressures. Non Wetted Diaphragm Type. Available in Panel and Field Mounted Enclosures.

RPM Transmitter:



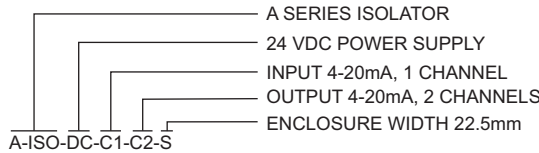
Item Code	Input	Output	Power Supply	Range
ASD-RPMT-AC-C1-PM48	10 VAC _{pp} from RPM Sensor ASD-RPMS	4-20mA	230VAC	0 - 10Khz
ASD-RPMS	Electromagnetic Pulse generated by Metal movement in Sensor's Electro - magnetic Field	Pulse 10 VAC _{pp}	24VDC	0 - 10Khz



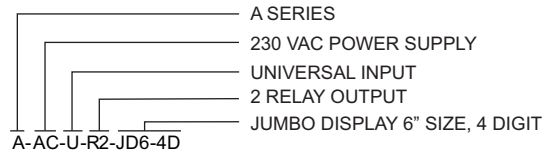
Product Code: You can easily decode the product code (PC) as given below:

Example: DC Current Isolator having Single Input and Output repeated over two Channels has Product Code as **A-ISO-AC-C1-C2-S** and Product Code for 6" Jumbo Display is **A-AC-U-R2-JD6-4D**.

DC CURRENT ISOLATOR SINGLE INPUT DUAL OUTPUT



JUMBO DISPLAY 6" SIZE



Other Abbreviations:

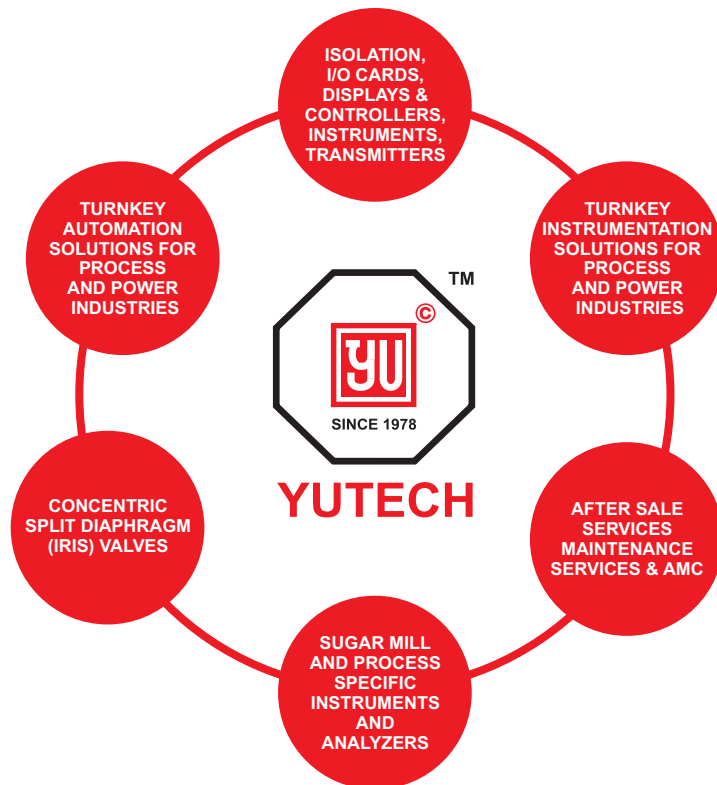
S: Standard Din Rail mounted Enclosure 22.5mm wide

M: Medium Din Rail mounted Enclosure 45 mm wide

PM48: Panel Mounted Enclosure DIN 48x96, the number indicates Bezel size

YUTECH is in the Service of Process Industry for 40+ years and has an excellent Track Record of Manufacturing State of the Art Specialized Instrumentation and Isolation Products.

YUTECH! COMPLETE AUTOMATION AND INSTRUMENTATION SOLUTION UNDER ONE ROOF



Note: Company reserves all rights to make any improvements and/or changes in any product or model as it deems fit from time to time.



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