



Wuhan Yuli Automation Technology Co., Ltd

One stop service for industrial automation systems

Company Profile

Wuhan Yuli Automation Technology Co., Ltd. was established in 2017 and is located in Wuhan, Hubei Province, China. The company specializes in the supply of high-quality industrial automation and process control products for global customers.

Why choose us

Product Guarantee

100% brand new original product, 1-year quality assurance

Experienced

The core team has an average of 10 years of experience and has served over 500 companies

Worry-free after-sales service

We have a strong team of after-sales engineers who can provide you with comprehensive after-sales technical support

ABB

fireye

metso
Expect results

CARLO GAVAZZI

Valmet

bürkert
Fluid Control Systems



Allen-Bradley

Moving towards a new era of industry together

Wuhan Yuli Automation Technology Co., Ltd



www.wuhanyuli.com

ABB Control Module



I. Harmony / INFI 90 Controllers and Bridge Controllers

Main models include: BRC300, BRC400, BRC410, as well as the corresponding control modules P-HC-BRC30000000, SPBRC300, SPBRC400, SPBRC410.

II. I/O Modules and Functional Modules

Analog modules: IMASI23, SPASI23, IMFAI02, IMFEC12

Digital input modules: IMDSI13, IMDSI14, IMDSI22, SPDSI13, SPDSI14, SPDIS22

Digital output modules: IMDSO14, SPDSO14

Pulse/Frequency modules: IMDSM04, SPDSM04, IMFCS01, SPFCS01

Fast response and control modules: IMQRS22, SPQRS22, IMCIS22, SPCIS22

Hydraulic servo and special modules: IMHSS03, SPHSS03

III. Communication and Network Interface Modules

INFI-NET communication modules: INIIT13, SPIIT13

INFI-NET local interfaces: INIIL02-L, SPIIL02-L

INFI-NET to computer interfaces: INICT13A, SPICT13A, INICI03, SPICI03-SCIL

Ethernet and S+ system communication: INIET800, SPIET800

Network interface modules: INNPM22, INNIS21, SPNPM22, SPNIS21

IV. Sequence of Events and Time Synchronization System (SOE)

Time master modules: SPTKM11, INTKM01

Event server nodes: SPSOE01, INSOE01

Main control modules: SPSEM11, INSEM11

Time synchronization modules: SPSET01, IMSET01

Digital input modules: SPSED01, IMSED01

V. Power Systems and Cabinet Components

Power modules: PHARPS32000000, PHARPS32010000, PHARPS32200000, PHARPSPEP21012, IEPAS22

Power chassis and panels: PHARPSCH100000, PHARPSPEP11013

Fans and cooling components: PHARPSFAN03000, WSFAN230, 3VCN-3030

Power monitoring and bus components: 6644424A1, PBA800, 1948506C8

VI. Cabinets, Racks, and Accessories

Racks and cabinets: IEMMU11, IEMMU12, IEMMU21, IEMMU22

Backplanes and accessories: 6642626-1, IMBLK01, SPBLK01

Module Cabinet: Harmony-07

Console Power Supply: CPS01

VII. Application Areas

ABB industrial automation products are widely used in: power systems, petrochemical, oil & gas, metallurgy, cement, papermaking, water treatment, pharmaceuticals, food processing, and large-scale process industrial automation projects.

ABB cables and accessories



I. Product Overview

ABB Bailey system cables and accessories are essential components of ABB industrial automation and DCS systems, widely used in INFI 90, Harmony, Advant, and other control platforms. This product range is designed to provide stable connections between control modules, I/O modules, cabinets, field devices, and communication networks, ensuring reliable, secure signal transmission with strong anti-interference performance.

II. Main Product Categories

1. System Connection Cables

Available in various models and length options to meet different cabinet layouts and field installation requirements:

NKAS / NKCL / NKDS / NKHS / NKLS / NKMP / NKPL / NKSD / NKST / NKTU series

Supported lengths include 5 m, 10 m, 15 m, 20 m, 25 m, 30 m, 50 m, and 100 m

Suitable for digital, analog, pulse, and communication signal transmission

2. Special Function Cables

RJ45 communication cables

SCIS CABLE

TK212 / TK802F / TK807F / TK811V1 / TK821F series

Used for network communication, system commissioning, and high-speed data transmission

3. Module and Cabinet Accessories

Front panels / rear panels (such as IMBLK01, 6638748A1)

Jumper shunts (DIPSHUNT 16-pin / 20-pin)

System batteries (SB808F)

4. Customized and Special Model Cables

6637636A1, 6637818A1, 6642335A1, 6CABLE-15, L7041, L7043, etc.

Designed to meet specific ABB system or project-based customization requirements

III. Product Features

Original quality: Designed and manufactured strictly in accordance with ABB standards, ensuring strong compatibility

Stable and reliable: High-quality conductors and shielding structures ensure stable signal transmission

Easy installation: Standardized interface design reduces on-site wiring time

Complete model range: Covers control, communication, power, and I/O applications

IV. Application Areas

Power generation and transmission, petrochemical, chemical, metallurgy

Water treatment, papermaking, cement

Automation control system upgrades and spare parts replacement

ABB Pneumatic Actuator



I. LP Series Pneumatic Actuators

1. LP-BB Series

Representative Models:

LP-004-BB-DA to LP-350-BB-DA

LP-004-BB-SRC4 / SRC5 / SRC6

LP-004-BB-SR04 / SR05 / SR06, etc.

Product Features:

Available in double-acting (DA) and spring-return (SR) options

High-strength aluminum alloy or steel housing

Stable torque output with high repeatability

Compatible with various limit switches, positioners, and accessories

2. LP-CC Series

Representative Models:

LP-010-CC-DA to LP-330-CC-DA

LP-004-CC-SRC4 / SRC5 / SRC6

LP-004-CC-SR04 / SR05 / SR06, etc.

Product Features:

Modular design for easy maintenance

Excellent sealing for harsh environments

NAMUR standard interface support

Fully compatible with ABB original control accessories

II. DP Series Pneumatic Actuators

1. DP-DA Double-Acting Series

Representative Models:

DP007DA, DP020DA, DP050DA, DP255DA, DP665DA, DP1000DA, DP2700DA, DP8000DA, etc.

Features:

Wide torque coverage

Robust construction with long service life

Suitable for heavy-duty and frequent operation conditions

2. DP-SR Spring-Return Series

Representative Models:

DP020SR, DP075SR, DP160SR, DP435SR, DP1200SR, DP3800SR, DP8000SR, etc.

Features:

Automatic reset on air loss, ensuring safety and reliability

Meets SIL safety application requirements

Ideal for critical process control points

III. Typical Application Industries

Oil & Gas

Chemical & Fine Chemical

Power & Energy

Water Treatment & Environmental Engineering

Metallurgy & Pulp & Paper

ABB Locator



I. Main Product Series

1. ABB Valve Positioners (Standard Type)

Models:

V18345-1010121001

V18345-1010221001

V18345-1010521001

V18345-1011221001

V18345-1020421001

V18345-2020521001

2. ABB Valve Positioners (Explosion-Proof Type)

Models:

V18348-10111300110

V18348-10111310110

V18348-10113300110

V18348-10113310110

V18348-10114300110

V18348-10114310110

3. ABB Positioner Complete Solutions

Positioner + Pneumatic Actuator Set: V18345-2020521001 + LP10BB10010

Advantages:

Factory-matched, ready for installation

High control precision and fast response

Reduces on-site commissioning and compatibility issues

II. Core Components & Accessories

1. Electronic & Control Components

Main Board: 7959293

Feedback Board: 7959128

Feedback Board: 3KXE000020U0100

IP Module: 3KXS360018L8511

IP Module: 3KXS360018L8513

2. Mechanical & Structural Components

Cover with mechanical indicator window: 7945558

Filter element: 7959188

III. Typical Application Industries

Oil & Gas

Chemical & Fine Chemical

Power & Energy

Water Treatment & Environmental Engineering

Pulp & Paper, Metallurgy, and Process Industries

ABB Flame Detector



I. System Composition

1. Flame Analysis / Control Units

FAU810 Flame Analysis Unit: For signal analysis, flame status determination, and system communication.

UR600IR 1000 Flame Detection Control Unit: Suitable for infrared flame detection applications, supporting multi-channel configuration.

UV600IR 1000 Flame Detection Control Unit: Supports UV/IR combined detection, enhancing anti-interference capability.

2. Flame Detection Sensors

SF810 Series Flame Detectors:

SF810-LOS-IR-TL-C-W

SF810-FOC-IR

SF810-FOC-IR-TL

SF810-FOC-IR-TL-C-W

SF810INT Integrated Intelligent Flame Detectors:

SF810INT-LOS-IR-NQ-C-W

SF810INT-LOS-IR-TL-C-W

SF810INT-LOS-IR-TL-L-C-W

SF810INT-LOS-UVIR-T-L

SF810INT-LOS-UV-T

Special Fuel Flame Detection:

QDDMEE20GP (Coal & Oil Detection)

SF810-UV-3000 (Natural Gas Detection)

3. Optical Fibers and Accessories

Flame Detection Fibers:

SF810-F0-G-2400-N / 3000

SF810-FO-G-3000-N / 3700-N

SF810-FOC-G-2400-IR

Fiber Sheaths / Protective Components:

SF810-OGP-F-2400-N

SF810-OGP-F-3300-N

UR600-OGP-F (Fiber Sheath)

UR600-OGP-R (Flexible Fiber Tube)

II. Typical Application Industries

Boiler combustion systems in thermal power plants

Petrochemical heating furnaces

High-temperature furnaces in steel and metallurgy

Cement kilns and industrial combustion equipment

Natural gas and multi-fuel combustion systems

Carlo Gavazzi Dupline



I. Core System Components

1. Dupline Bus Communication and Expansion Devices

Bus Repeaters:GS38920000230

Line Terminators / Terminal Resistors:DT01

Bus Modules:

G34900000824

G34960005700

Enable efficient connection between field signals and the main control system.

2. Dupline Gateways and Protocol Converters

Dupline Gateway Series:

SD2DUG24

G38910020230

G38910050230

GS38910125230

GS33910060800

GRPG-I

3. Input / Output and Functional Modules

acquisition and control requirements:

Single-Channel Input Modules: G50101106

Dual-Channel Input Modules: G50102206

Functional and Expansion Modules:

GS38300143230

G34301149230

G34305545230

G88102201

G88301143

GS75102101

GS75102192.

4. Channel Generators and Coding Devices

Used for Dupline address assignment, system commissioning, and maintenance:

Channel Generator: GS33900000800A

Coding Tool: GS73800080

Test Tool: GTU8

Handheld Programmer: GAP1605

II. Typical Application Fields

Industrial automation control systems

Energy management and power monitoring

Building automation (lighting, HVAC, security)

Infrastructure and municipal engineering

Equipment status monitoring and remote control

VALMET Locator

I. System Composition and Matching Modules

Control Baseboard and Modules

Baseboard: PN.S446105L

Analog Input Module:

PN.D201736L

Module: D201136L

Digital Input Module: DI8P D201126L



Actuators and Pneumatic Cylinders

Pneumatic Cylinders:

B1JU16/55CL

B1CU12/55L

II. VALMET ND Series Positioner Classification

High-Performance Intelligent Positioners (ND9300 Series)

Suitable for high-demand control loops and complex working condition environments.

ND9306HX/I09

ND9303HX

ND9303HX-A7-DS02

ND9206HE2T

Universal Intelligent Positioners (ND9106 Series)

ND9106HX8T / ND9106HX8T/I02

ND9106HX8

ND9106HX8-A3B-DS01

ND9106HX2/I02-A3

ND9106HN

ND9106HNT

ND9106HNTR

Standard and Compact Positioners (ND9103 Series)

Suitable for space-constrained or conventional control applications.

ND9103PN

ND9103HXT / ND9103HXT/I02

ND9103HX

ND9103HX8

ND9103HX8T

ND9103HN

ND9103HNT

Economical and Special Application Positioners (ND9102 / ND7103 Series)

Suitable for cost-sensitive projects or specific process requirements.

ND9102HX8

ND9102HX8T

ND9102HNT

ND9102HN

ND9102HN7TR

ND9102FN

ND7103HX8T

Special Positioner Models

E724/S1

III. Typical Application Industries

Pulp and Paper Industry

Oil and Gas

Chemical and Fine Chemical Industry

Power and Energy

Water Treatment and Environmental Engineering

Metallurgy and Mining

METSO Position Switch

I. EN Series Position / Limit Switches

The EN series is primarily used for basic valve open/close status detection. It features a compact structure and easy installation, and is suitable for actuator position feedback in standard operating conditions.

Common Models:

EN44D03SXA
EN44D02RA
EN44C02RA
EN44A02DM
EN44A05DM
EN34C02RA
EN33D05RA
EN33C02RA
EN33P02DM
EN33A02DM
EN33A05DM



II. QN Series Position / Limit Switches

The QN series is METSO's most widely used mid-to-high-end position feedback solution, suitable for industrial applications with high requirements for reliability, protection class, and environmental adaptability.

Common Models:

QN2NK02SDM
QN33A05HDM
QN35A05HDM
QN45CK02HDM
QN45CR02HRA
QN45K03HDM
QN45K03SDM
QNTRK03SDM
QN4XD05HRA

III. QX Series Position / Limit Switches

The QX series is METSO's high-performance and multi-functional position switch series, suitable for complex control systems and high-reliability applications. It is the preferred solution for large-scale projects and critical workstations.

Common Models

QX2GCR03HRA
QX2GK03HDM
QX2VCR02HRA
QX2VB02HDM / QX2VB02SDM
QX2VCK02SDM / QX2VCK05HDM
QX2VK02HDM / QX2VK05HDM
QX33K02HDM / QX33K05HDM
QX35CK02SDM / QX35CK05HDM
QX35CR05SRA
QX35K02HDM / QX35K05SDM
QX44K02HDM / QX44K03HDM
QX45CK02HDM
QX4HCR03HRA

Product Features

High-precision position feedback and fast response.
Multiple output signal options available.
Robust structure resistant to vibration and shock.
Suitable for high-frequency operation and critical control loops.
Compatible with complex automation system architectures.

Fireye Flame Detector

I. Ultraviolet (UV) Flame Detector Series

85UVF Series:

85UVF4-1 / 85UVF4-1EX

85UVF3-1

85UVF1-1 / 85UVF1-1QD / 85UVF1-1QDK3

85UVF1A-1QD / 85UVF1A-1QDK3

85UVF2-1 / 85UVF2-K3EX



UV Single Tube / Electric Eye Type:

UV1A / UV-1A6 / UV1A3

UV5-1

UV7A4 / UV7R4

UV90L-1

II. Infrared (IR) and Combined-Type Flame Detectors

Infrared (IR) Series:

95IRS1 / 95IRS2-1 / 95IRS2-1CEX

95IRS2-2 / 95IRS4-1WINC

85IRF1-1QD / 85IRF4-1EX

Combined-Type (UV/IR/Visible Light):

95UVS1 / 95UVS2-1 / 95UVS2E-1

95UVS4-1WINC / 95UVS4-1CEX

95DSS1 / 95DSS2 / 95DSS3 Series

III. Integrated Flame Detectors

Common Models:

85UVF1-1CEX

95UVS4-1CEX

95DSS2E-1 / 95DSS2-1CEX

95IRS1-2

85IRF4 / 85IRF1

IV. Flame Amplifiers and Modules

Common Models:

MEUVS1 / MEUVS4

MBPF-100S / MBPF-200S

EUV1 / EUVS4

MAUV1

D1R1

V. Flame Controllers and Programmers

Common Models:

MEC120 / MEC230 / MEC320RD

NXF4000-230V

E120 / E210 / E300

EP100 / EP160 / EP260 / EP380

MEP100 / MEP230 / MEP561

VI. Optical Fibers, Mounting Parts, and Mechanical Accessories

Optical Fibers and Sleeves:

95IR-2000 / 95IR-3000

FE-FQC-C

DN8

Mechanical and Mounting Parts:

Mounting Flange 35-318-1

Insulation Tube: 35-127-1

Swivel Joint 60-1664-3

Sunshade 97-1047

VII. Cables, Power Supplies, and Bases

Cables:

59-497 Series (010 / 020 / 030 / 050)

59-546 Series

Power Supplies:

60-2685-2 / 60-2685-4

MC120 / MBLPS-200D

Terminal Bases:

60-1386-2

48-1836

MEC120 / MEC230