



BALLUFF

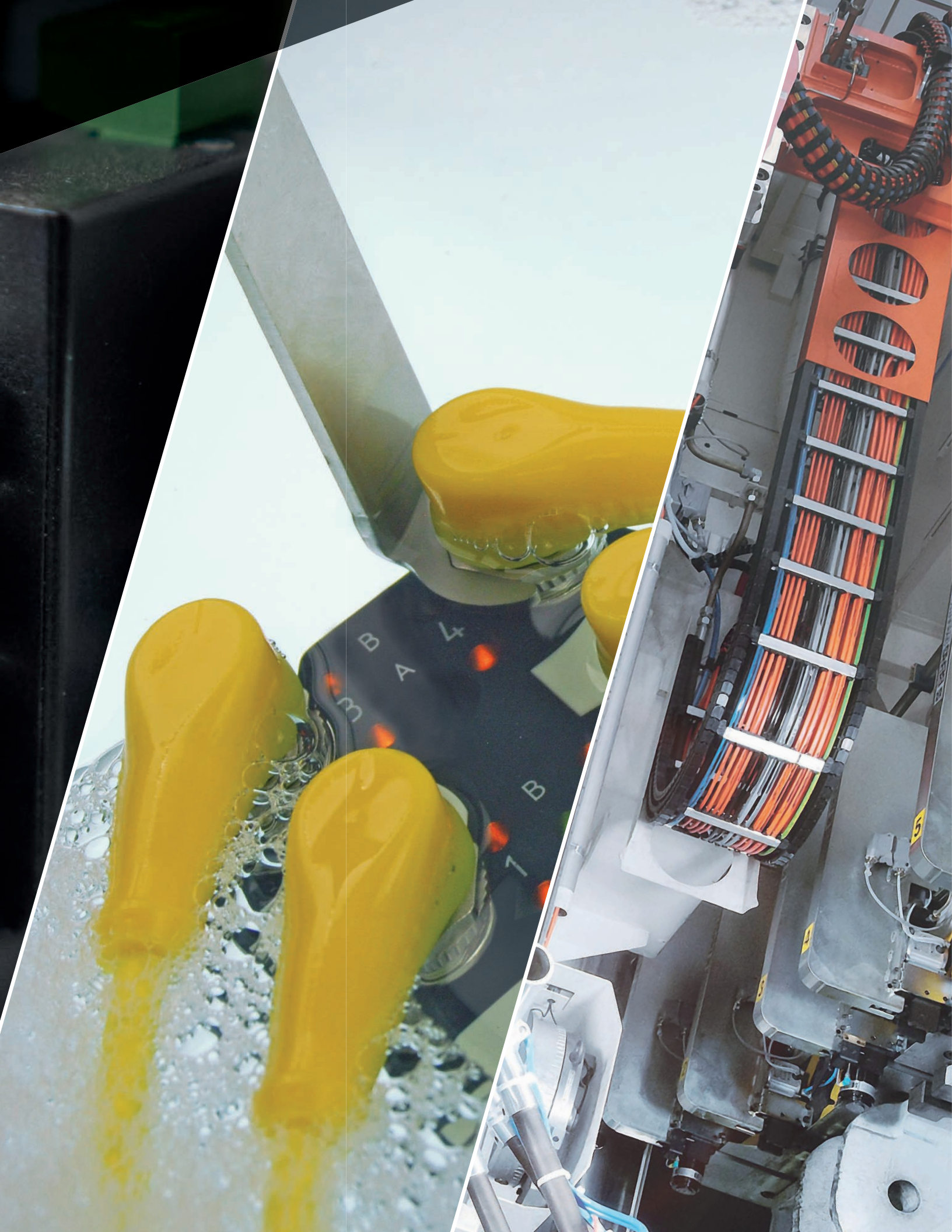
Connectivity
and Cables

CONNECTING AUTOMATION SYSTEMS AT ALL LEVELS

 *innovating automation*

WE ARE A FULL-LINE
CABLE SUPPLIER





Overview quick selector

CONNECTIVITY SOLUTIONS

Balluff offers a diverse connectivity portfolio to meet today's automation demands at all levels in the plant. This portfolio includes connectivity for sensors and actuators at device integration level, most major networking or fieldbus solutions, as well as power distribution at controls and enterprise levels. In addition to corsets, the portfolio includes passive connection junction boxes, multi conductor home run cables, field-attachable connectors, splitters, bulkheads, receptacles and adapters.

Balluff specializes in providing connectivity solutions for harsh environments in the industrial automation space. Balluff's high durability cable (HDC) portfolio includes high temperature cables, weld spatter resistant cables, stainless steel braided cables and much more. Balluff's portfolio continues its expansion to support multiple industries and applications such as packaging, food and beverage, automotive, life sciences, wood, metalworking and more.



M5 SENSOR AND ACTUATOR CABLES

- Single-ended and double-ended
- 3-wire, 4-wire
- Jacket type: Black PUR



M8 SENSOR AND ACTUATOR CABLES

- Single-ended and double-ended
- 3-wire, 4-wire
- LED versions, and shielded versions
- Jacket type: PVC, PUR, TPE



M12 SENSOR AND POWER CABLES

- Single-ended and double-ended
- 3, 4, 4+PE, 5, 8, 12-wire
- LED versions, and shielded versions
- Jacket type: PVC, PUR, TPE
- Coding Available: A, L, T, S



BULKHEAD CONNECTORS

- M12, RJ45
- Sensor, power, and Ethernet



M8 AND M12 RECEPTACLES

- M8 x 0.5
- 1/4"-18NPT, 1/2"-14NPT, M16 x 1.5
- 3-wire, 4-wire, 4+PE, 5, 8-wire
- DC color codes available
- Metal shielded versions



7/8", 1", 1 1/8" MINI RECEPTACLES

- 1/2"-14NPT, M16 x 1.5, M20 x 1.5
- 3, 4, 5, 6-wire, 7, 8, 9, 10-wire, 12, 19-wire
- US AC, DC color codes available
- Metal shielded versions



SPLITTERS AND TEES

- M8 and M12, T, U and V styles
- 3-wire, 3+PE
- LED and non LED versions



M8 AND M12 SPECIALTY SENSOR AND ACTUATOR CABLES

- High temp, coil cable, stainless steel braided, IP69K, ECOLAB
- 3-wire, 4-wire, 4+PE
- LED and non LED versions



M8 AND M12 HIGH DURABILITY SENSOR AND ACTUATOR CABLES

- Silicone, silicone tube, FEP,
- Weld spatter resistant: PUR, TPE
- 3-wire, 4-wire
- LED and non LED versions



M23 RECEPTACLES

- M20 x 1.5
- 12-wire, 19-wire
- Metal shielded versions



M8 JUNCTION BLOCKS (MIB)

- Quick disconnect, cable out
- 4-port, 6-port, and 8-port
- 3-wire and 4-wire
- LED and non LED versions



M12 JUNCTION BLOCKS (MIB)

- Quick disconnect, cable out, terminal blocks
- 4-port and 8-port
- 3-wire and 4-wire
- LED and non LED versions



FIELDBUS CABLES

- DeviceNet, Profibus, CANopen, CC-Link, 7/8", B-coded
- Compliant to the respective standards such as: ODVA, CLPA, PNO



ETHERNET

- M12 D-coded, M12 X-coded, RJ45
- 2-pair, 4-pair
- Teal, red, green, blue, black, orange
- Profinet, EtherNet/IP, EtherCAT, CC-LinkIE
- Compliant to the respective standards such as: ODVA and PNO
- CAT5E, CAT7 versions



1/2" AC SENSOR AND ACTUATOR CABLES

- Single-ended and double-ended
- 3, 4, 5, 6-wire
- Shielded versions



M12, M16, M23 HOME RUN CABLES

- 8-wire, 12-wire, 19-wire
- Various color codes



M8 FIELD ATTACHABLES

- Piercon, screw terminal, soldercup
- 3-wire, 4-wire



M12 FIELD ATTACHABLES

- Insulation, displacement, screw terminal, spring clamp
- 3, 4, 5, 8, 12-wire
- Shielded versions



DIN A, DIN B, DIN C, C SENSOR AND ACTUATOR CABLES

- Single-ended and double-ended, splitters
- 2+PE
- LED, non LED versions and shielded versions
- Cable out and connectors



7/8" MINI SIZE CABLES

- Single-ended, double-ended, T-splitters, bulkheads, converters
- US color code: 3 and 4-wire
- DC color code: 4 and 5-wire
- Color codes available: US AC, DC



1" AND 1 1/8" MINI SIZE CABLES

- Single-ended, double-ended, receptacles
- 1" Conductors: 6,7, 8-wire
- 1 1/8" Conductors: 9,10,12,19-wire



1/2" AC, 7/8" FIELD ATTACHABLES

- Screw terminal
- 3, 4, 5-wire



M23 FIELD ATTACHABLES

- Solder cup
- 12, 19-wire



BULK CABLES

- Sensor, power and network
- Conductors: 2, 3, 4, 5, 2-pair, 4-pair
- 100m, 300m, 500m

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