



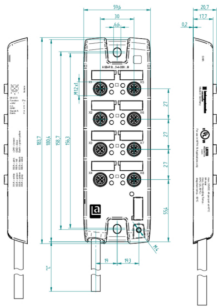
**Product:** [ASB-R 8 5-4-331](#)

LioN-R passive, 8 ports

## Product Description

LioN-R passive, 8 ports

## Technical Drawing



## Technical Specifications

### Product Description

|                           |                       |
|---------------------------|-----------------------|
| Brand:                    | Belden                |
| Product Sub Family:       | Lion-R passive        |
| I/O Connection:           | M12, 5-poles, A-coded |
| Number of Ports:          | 8                     |
| I/O Wiring Configuration: | single I/O per port   |
| Control Cable Interface:  | Open End              |

### General Data

|                                   |                                                                                                                          |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Housing Material:                 | Metal, Zinc Die-cast                                                                                                     |
| Housing Plating:                  | Nickel, matt                                                                                                             |
| Housing Color:                    | Grey Metallic                                                                                                            |
| Protection Degree / IP Rating**:  | IP65, IP67                                                                                                               |
| Potted:                           | Yes                                                                                                                      |
| Dimensions (W x H x D):           | 60 mm x 21 mm x 185 mm                                                                                                   |
| Ambient Temperature (Operation)*: | -40 °C to 80 °C (UL: 60 °C; dragchain: 60 °C)                                                                            |
| Pollution Degree:                 | 3 acc. to EN 60664-1, VDE 0110-1                                                                                         |
| Contact Base Material:            | CuZn                                                                                                                     |
| Contact Bearer Material:          | PA / TPU                                                                                                                 |
| O-Ring Material:                  | FKM                                                                                                                      |
| Mounting:                         | 2 hole screw mounting. Use standard M6 x 25 / 30 screws with toothed lock washer (as per DIN 125) and self-locking nuts. |

|                                            |             |
|--------------------------------------------|-------------|
| Fastening Torque (Fixing Screw):           | M6: 1 Nm    |
| Fastening Torque (Ground Connection (FE)): | M4: 1 Nm    |
| Fastening Torque (I/O Connection):         | M12: 0.5 Nm |

Power Supply

|                                    |                     |
|------------------------------------|---------------------|
| Status Indicator (System Supply):  | LED green           |
| Actuator Supply Voltage (Nominal): | 24 V DC (SELV/PELV) |
| Actuator Supply Voltage (Range):   | 10 V DC to 30 V DC  |

Digital Input Channels

|               |                |
|---------------|----------------|
| Input Wiring: | 2-, 3-, 4-wire |
| Sensor Type:  | PNP            |

Digital Output Channels

|                        |            |
|------------------------|------------|
| Output Wiring:         | 2-, 3-wire |
| Galvanically Isolated: | Yes        |

Port Channels

|                          |                        |
|--------------------------|------------------------|
| Current per Connector:   | max. 1,5 A             |
| Current per Module:      | max. 1,5 A             |
| Status Indicator (Port): | LED yellow per channel |

Safety & Environmental Compliance

|                       |     |
|-----------------------|-----|
| CE:                   | Yes |
| RoHS Compliant:       | Yes |
| China RoHS-Compliant: | Yes |

Approvals

|          |                      |
|----------|----------------------|
| UL:      | cULus Listed, UL 508 |
| UL-File: | E230848              |
| CSA:     | Yes, via UL          |

Notes

|                                      |                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------|
| Protection Degree / IP Rating Note:  | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
| System Power Supply Connection Note: | *do not connect / disconnect under voltage!                                                  |

Variants

| Item #    | Item Description     |
|-----------|----------------------|
| 934760001 | ASB-R 8 5-4-331/5 M  |
| 934760002 | ASB-R 8 5-4-331/10 M |

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.52 Revision Date: 03-04-2023 |
|----------------------|-------------------------------------------------|

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