

M12-Splitters, Double-Ended, IEC Color Code

ASB 2-RKT | ASBA 2-RKT | ASB 2-RKWT

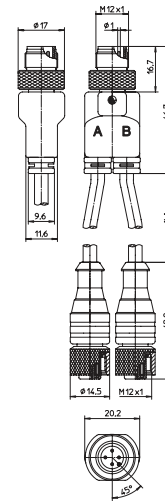


M12-Duo-Male - 2xM12-Female Str.

Actuator/sensor cordset, double-ended, M12 Duo male connector and two M12 female connectors with self-locking threaded joint.

– ASBA 2-RKT: with AND logic –

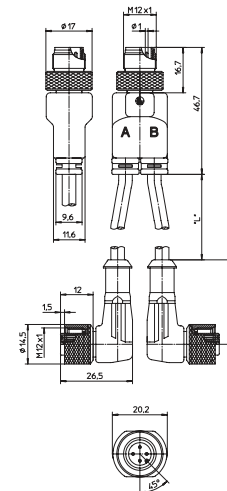
ASB 2-RKT | ASBA 2-RKT



M12-Duo-Male - 2xM12-Female 90°

Actuator/sensor cordset, double-ended, M12 Duo male connector and two M12 female right angle connectors with self-locking threaded joint.

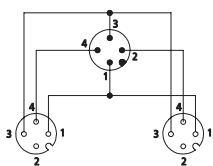
ASB 2-RKWT



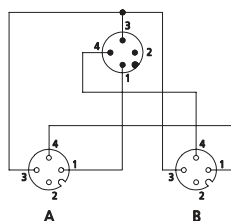
Pin Assignments

Wiring Diagrams

ASB 2 - RKT / ASB 2 - RKWT



ASBA 2 - RKT





Be Certain with Belden

M12-Splitters, Single- and Double-Ended, IEC Color Code ASB 2-RKT | ASBA 2-RKT | ASB 2-RKWT

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
 Operating temperature range -25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body TPU
 Insert TPU
 Contact ASB: CuZn, pre-nickel and 0.8 microns gold-plated
 RKT / RKWT: CuZn, pre-nickel and 0.3 microns gold-plated
 Coupling nut CuZn, nickel-plated
 O-ring FKM (only RKT / RKWT)

Electrical

Nominal current at 40°C 4 A per cable / 4 A max. total
 Nominal voltage 60 V
 Rated voltage 63 V
 Test voltage 1.5 kV eff. / 60 s
 Insulation resistance > 10⁹ Ω
 Pollution degree 3

Cable Specifications

| Cable No. | Outer Jacket | Gauge | Jacket Color | OD | Agency Approvals |
|-----------|---------------------------------------|--------------------------|--------------|----------------|-----------------------------------|
| 224 | PUR, halogen-free | 3 x 0.34 mm ² | Black | .169" (4.3 mm) | UL: AWM 20327 / CSA: AWM I/II A/B |
| 251 | PUR, halogen-free welding spark proof | 4 x 0.34 mm ² | Orange | .185" (4.7 mm) | UL: AWM 21198 / CSA: AWM I/II A/B |

Splitters and Adapters

| Part Number | Pins | Outer Jacket | Standard Cable Lengths | Characteristics |
|--|------|---------------------------------------|------------------------|-----------------|
| ASB 2-RKT 4-3-224/...M ASB 2-RKWT 4-3-224/...M | 3 | PUR, halogen-free | 1 M / 1.5 M / 2 M | |
| ASB 2-RKT 4-3-251/...M ASB 2-RKWT 4-3-251/...M | | PUR, halogen-free welding spark proof | 1 M / 1.5 M / 2 M | |
| ASBA 2-RKT 4-3-224/...M | 3 | PUR, halogen-free | 1 M / 1.5 M / 2 M | |