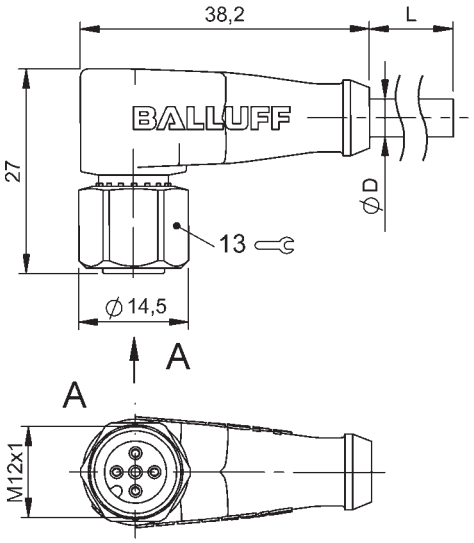
Connector/cable

**BCC S425-0000-1A-008-VX44T2-020**
**Order code: BCC0APH**

BALLUFF
*sensors worldwide*




- **Female M12**
- **90°angle**

LISTED 4MT5
(CYJV CABLE ASSEMBLY)

**General attributes**

| | |
|---|---|
| Additional features | Drag chain compatible |
| Approvals / Conformity | cULus LISTED |
| Cable jacket color | yellow |
| Enclosure Type per IEC 60529 | IP69K |
| Function indicator | Yes |
| Function indicator (PIN 2) | No |
| Function indicator (PIN 4) | LED yellow |
| Power indicator | LED green |

**Electrical attributes**

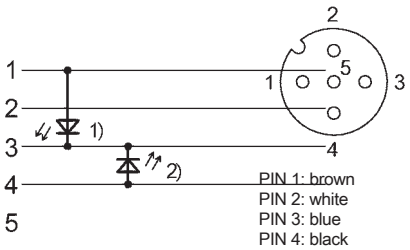
| | |
|---|---|
| Operating voltage UB max. DC [V] | 36.0 V |
| Rated current (40°C) | 4.0 A |
| Switching function | Complementary (NO/NC) |
| Switching output | PNP |

**Mechanical attributes**

| | |
|---|---|
| Acceleration max. (drag chain) | 5 m/s² |
| Ambient temp. max. (fixed) | 105 °C |
| Ambient temp. max. (moving) | 105 °C |
| Ambient temp. max.(drag chain) | 60 °C |
| Ambient temp. min. (fixed) | -40 °C |
| Ambient temp. min. (moving) | -5 °C |
| Ambient temp. min.(drag chain) | -5 °C |
| Bending cycles | > 2 Mio. |

| | |
|---|---|
| Bending radius fixed cable | min. 5 x D |
| Bending radius tensioned cable | min. 10 x D |
| Cable diameter D | 5.0 +/- 0.15 mm |
| Cable jacket material | PVC |
| Cable length L [m] | 2.00 m |
| Conductor cross-section | 22 AWG |
| Connector configuration | 90°angle |
| Connector type | M12, A-coded |
| Connector type (Header I) | Female M12 |
| Contact material | CuZn |
| Cover nut material | Stainless steel |
| Drag chain compatible | Yes |
| Grip material | polyether TPU |
| Number of conductors | 4 |
| Number of female/male pins | 5 |
| Permiss.horizon. traverse dist | at 5 m/sec² 5 m |
| Permiss.vert. traverse dist | at 5 m/sec² 2 m |
| System | molded |
| Tightening torque pigtail | 0.6 Nm |
| Traverse speed max(drag chain) | at 5 m horiz. travel 200 m/min |

**Additional text**
Cable Conductors according to UL-Style 10493
Raw Cable Approval UL-AWM Style 2661 & CSA AWM I/II A/B
Flame-Retardant per IEC 60332-2




PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

1) LED gn = Power indicator
2) LED ye = Function indicator