



**Sensor/actuator  
cable, YF2A15-020UB5XLEAX Part  
no.: 2095617**

URL: <https://www.sxplc.com/sensor-actuator-cable-yf2a15-020ub5xleax-part-no-2095617>

**Product data sheet**

Connection type head AFemale connector, M12, 5-pin, straight, A-codedConnection type head BFlying leadsLocking plug connectorScrew connectionConnector materialTPUConnector colorBlackLocking nut materialZinc die-cast, nickel-platedSeal materialFKMTightening torque0.6 NmWidth across flats13Cable2 m, 5-wire, PUR, halogen-freeJacket materialPUR, halogen-freeJacket colorBlackCable diameter4.8 mmConductor cross section0.34 mm<sup>2</sup>ShieldingUnshielded

---

Bending cycles10,000,000Nominal voltage, cable300 V ACTest voltage, cable2,500 V AC

---

Rated impulse voltage1.5 kVCurrent loading4 ATraversing speed3 m/sTravelling distance10 mAcceleration≤ 10 m/s<sup>2</sup>Signal typeSensor/actuator cableTorsion force180° / 1 mTorsion cycles2,000,000Cycles per minutes35Application

## Authorizations

---

UL File No.E335179Enclosure ratingIP65 / IP66K / IP67

---

Contamination rating3Insulation resistance100 M $\Omega$ Overvoltage categoryIIISpecific insulation  
resistance30 m $\Omega$ Thermal resistance, pipingFlame retardant according to UL 1581, horizontal flame  
test/CSA FT2 / IEC 60332-1, IEC 60332-2-2

---

