

# YM2A25-050VB6XLEAX

Sensor/actuator cable





## Ordering information

Туре	Part no.
YM2A25-050VB6XLEAX	2144358

Other models and accessories → www.sick.com/Sensor\_actuator\_cable

#### Detailed technical data

## Technical specifications

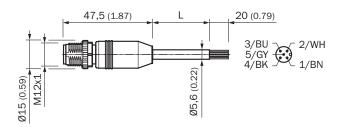
Connection type head A Connection type head B Locking plug connector Screw connection Connector material TPU Connector color Locking nut material Seal material FKM Tightening torque Width across flats Cable Jacket material Jecket color Conductor cross section Shielding Bending radius Flexible use Stationary position Nominal voltage, cable Screw connection TPU Black Ftyping leads Flying leads Flying leads Flying leads Flying leads Flying leads Flexible use Screw connection Conector material TPU Screw connector Flexible use And Connector Flexible use Stationary position Nominal voltage, cable Text voltage, cable Text voltage, cable	
Locking plug connector  Connector material  TPU  Connector color  Black  Locking nut material  Seal material  FKM  Tightening torque  Width across flats  13  Cable  5 m, 5-wire, PVC  Jacket material  PVC  Jacket color  Cable diameter  Conductor cross section  Shielding  Bending radius  Flexible use Stationary position  Nominal voltage, cable  Since w connection  Sicrew connection  Shielding  Shielding  Screw connection  FVU  Black  For Mickel-plated  FKM  0.6 Nm  9.06 Nm  9.07 Nm  9.08 Nm  9.08 Nm  9.09 Nm  9.00 Nm  9.0	
Connector material Connector color  Locking nut material Seal material FKM Tightening torque 0.6 Nm Width across flats 13 Cable 5 m, 5-wire, PVC  Jacket material PVC Jacket color Gray Cable diameter Conductor cross section Shielding Bending radius  Flexible use Stationary position Nominal voltage, cable  TPU Black Cinche Conductor color Black Flexible use Stationary position Nominal voltage, cable  Zinc die-cast, nickel-plated FKM O.6 Nm  Fixible use Stationary position PVC O.6 Nm  O.7 Nominal voltage, cable  TPU Black Fixible use Stationary position Stationary position PVC Sinche Geast, nickel-plated FKM O.6 Nm  O.6 Nm  O.7 Nominal voltage, cable  To value diameter Stationary position Stationary	
Connector color Locking nut material Seal material FKM  Tightening torque 0.6 Nm  Width across flats 13  Cable 5 m, 5-wire, PVC  Jacket material Jacket color Gray  Cable diameter  Conductor cross section Shielding Bending radius  Flexible use Stationary position  Nominal voltage, cable  Sinc die-cast, nickel-plated  FKM  0.6 Nm  0.7 Nm  0.7 Nm  0.8 Nm  0.9	
Locking nut material  Seal material  FKM  Tightening torque  0.6 Nm  Width across flats  13  Cable  5 m, 5-wire, PVC  Jacket material  PVC  Jacket color  Gray  Cable diameter  Conductor cross section  Shielding  Bending radius  Flexible use Stationary position  Nominal voltage, cable  Zinc die-cast, nickel-plated  FKM  O.6 Nm  0.6 Nm  0.7 Nm  PVC  Gray  Unshielded  Volume  Volume	
Seal material FKM   Tightening torque 0.6 Nm   Width across flats 13   Cable 5 m, 5-wire, PVC   Jacket material PVC   Jacket color Gray   Cable diameter 5.6 mm   Conductor cross section 0.34 mm²   Shielding Unshielded   Bending radius > 10 x cable diameter   Stationary position > 5 x cable diameter   Nominal voltage, cable 300 V AC	
Tightening torque  Width across flats  Cable  5 m, 5-wire, PVC  Jacket material  PVC  Gray  Cable diameter  Conductor cross section  Shielding  Bending radius  Flexible use Stationary position  Nominal voltage, cable  0.6 Nm  6 mm  7 conductor cross section  0.34 mm²  Unshielded  PVC  Gray  5 mm  0.34 mm²  Unshielded  Stationary position  Nominal voltage, cable  300 V AC	
Width across flats  Cable 5 m, 5-wire, PVC  Jacket material PVC  Jacket color Gray  Cable diameter 5.6 mm  Conductor cross section 0.34 mm²  Shielding Unshielded  Bending radius  Flexible use Stationary position > 5 x cable diameter  Nominal voltage, cable 300 V AC	
Cable Jacket material PVC Gray Cable diameter Conductor cross section Shielding Bending radius  Flexible use Stationary position Nominal voltage, cable  Stationary division PVC Gray Unshielded Unshielded  5 m, 5-wire, PVC FVC Unshielded  5 to x cable diameter 5 to x cable diameter 300 V AC	
Jacket color Gray Cable diameter 5.6 mm Conductor cross section O.34 mm² Shielding Unshielded Bending radius Flexible use Stationary position Nominal voltage, cable PVC Gray Unshielded 5.6 mm 0.34 mm² 0.35 mm²	
Jacket color  Cable diameter  5.6 mm  Conductor cross section  Shielding  Bending radius  Flexible use Stationary position  Nominal voltage, cable  Gray  5.6 mm  Unshielded  Unshielded  > 10 x cable diameter > 5 x cable diameter 300 V AC	
Cable diameter 5.6 mm  Conductor cross section 0.34 mm²  Shielding Unshielded  Bending radius  Flexible use Stationary position > 10 x cable diameter > 5 x cable diameter  Nominal voltage, cable 300 V AC	
Conductor cross section  Shielding  Bending radius  Flexible use Stationary position  Nominal voltage, cable  0.34 mm² Unshielded  > 10 x cable diameter > 5 x cable diameter 300 V AC	
Shielding Bending radius  Flexible use > 10 x cable diameter Stationary position > 5 x cable diameter Nominal voltage, cable 300 V AC	
Flexible use Stationary position  Nominal voltage, cable  Flexible use > 10 x cable diameter > 5 x cable diameter 300 V AC	
Flexible use > 10 x cable diameter > 5 x cable diameter > 5 x cable diameter > 5 x cable diameter > 300 V AC	
Stationary position > 5 x cable diameter  Nominal voltage, cable 300 V AC	
Nominal voltage, cable 300 V AC	
5,	
<b>Test voltage, cable</b> 2,000 V AC	
Reference voltage	
60 V AC	
60 V DC	
Rated impulse voltage 1.5 kV	
Current loading 4 A	
Signal type Sensor/actuator cable	
Application Zones with chemicals Uncontaminated zones	
Authorizations CE UL	
<b>UL File No.</b> E335179	

Enclosure rating	IP65 / IP66K / IP67
Operating temperature	
Flexible use	-5 °C +80 °C
Stationary position	-30 °C +80 °C
Head	-25 °C +85 °C
Contamination rating	3
Insulation resistance	100 ΜΩ
Overvoltage category	III
Specific insulation resistance	30 mΩ
Thermal resistance, piping	Flame retardant according to UL 1581 VW1 / CSA FT1

#### Classifications

ECLASS 5.0	19030312
ECLASS 5.1.4	19030312
ECLASS 6.0	27060304
ECLASS 6.2	27060304
ECLASS 7.0	27060304
ECLASS 8.0	27060304
ECLASS 8.1	27060304
ECLASS 9.0	27060304
ECLASS 10.0	27060304
ECLASS 11.0	27060304
ECLASS 12.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

## Dimensional drawing (Dimensions in mm (inch))



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Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

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