

YF2A15-C11VD7MQ6A6

Other connectors and cables

CONNECTORS AND CABLES



Ordering information

Туре	part no.
YF2A15-C11VD7MQ6A6	2139423

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Detailed technical data

Technical specifications

Connection type head A Female connector, M12, 5-pin, straight, A-coded Connection type head B Male connector, Q6, 6-pin Locking plug connector Screw connection Connector material TPU Connector color Black Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.4 Nm Cable 0.4 Nm Jacket material PUR Jacket color Black Cohedidimeter 4.8 mm Conductor cross section 0.14 mm² Shielding Unsided Reference voltage 50 ∨ AC/DC Rated impulse voltage 1.5 kV Current loading 4.15 A Signal type Sensor/actuator cable Application 2.0 nes with oils and lubricants Authorizations E Enclosure rating P65 Operating temperature -25 ° C +80 ° C Textible use -25 ° C +80 ° C Contamination rating 3 Insulation resistance		
Locking plug connector Screw connection Connector material TPU Connector color Black Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.4 Nm Cable 0.6 m, 6-wire, PUR Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use -25 °C+80 °C Stationary position 25 °C+80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Connection type head A	Female connector, M12, 5-pin, straight, A-coded
Connector material TPU Connector color Black Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.4 Nm Cable 0.6 m, 6-wire, PUR Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use 25 °C+80 °C Stationary position 20 °C+80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoitage category II	Connection type head B	Male connector, Q6, 6-pin
Connector color Black Locking nut material Zinc die cast, nickel-plated Seal material FKM Tightening torque 0.4 Nm Cable 0.6 m, 6-wire, PUR Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use -25 °C+80 °C Stationary position -40 °C+80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Locking plug connector	Screw connection
Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.4 Nm Cable 0.6 m, 6-wire, PUR Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature -25 °C+80 °C Flexible use -25 °C+80 °C Stationary position 3 Insulation resistance 100 MΩ Overvoltage category II	Connector material	TPU
Seal material FKM Tightening torque 0.4 Nm Cable 0.6 m, 6-wire, PUR Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0.14 mm² Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating Description temperature Flexible use -25 ° C +80 ° C Stationary position -40 ° C +80 ° C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Connector color	Black
Tightening torque 0.4 Nm Cable 0.6 m, 6-wire, PUR Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use -25 °C +80 °C Stationary position -40 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Locking nut material	Zinc die-cast, nickel-plated
Cable 0.6 m, 6-wire, PUR Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature -25 °C +80 °C Stationary position 3 Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Seal material	FKM
Jacket material PUR Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature -25 °C +80 °C Stationary position -40 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Tightening torque	0.4 Nm
Jacket color Black Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage 4 so V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use Stationary position -25 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Cable	0.6 m, 6-wire, PUR
Cable diameter 4.8 mm Conductor cross section 0,14 mm² Shielding Reference voltage ≤ 50 V AC/DC Rated impulse voltage Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use Stationary position -25 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Jacket material	PUR
Conductor cross section 0,14 mm² Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use Stationary position -25 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Jacket color	Black
Shielding Unshielded Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use Stationary position -40 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Cable diameter	4.8 mm
Reference voltage ≤ 50 V AC/DC Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Application Authorizations Enclosure rating Operating temperature Flexible use Stationary position Flexible use Stationary position Contamination rating Insulation resistance 100 MΩ Overvoltage category Insulation resistance Solv AC/DC Solv AC/DC Solv AC/DC	Conductor cross section	0,14 mm ²
Signal type Application Authorizations Enclosure rating Operating temperature Flexible use Stationary position Contamination rating Insulation resistance Stationary 100 MΩ Sensor/actuator cable Sensor/actuator cabl	Shielding	Unshielded
Rated impulse voltage 1.5 kV Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use Stationary position Place of Stationary position Place of Stationary position Place of Stationary position Place of Stationary Place of Sta	Reference voltage	
Current loading ≤ 1.5 A Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use Stationary position -25 °C +80 °C -40 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II		≤ 50 V AC/DC
Signal type Sensor/actuator cable Application Zones with oils and lubricants Authorizations CE Enclosure rating IP65 Operating temperature Flexible use Stationary position -25 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Rated impulse voltage	1.5 kV
Application Authorizations CE Enclosure rating Operating temperature Flexible use Stationary position Contamination rating Insulation resistance Overvoltage category Sometimes with oils and lubricants CE	Current loading	≤ 1.5 A
Authorizations Enclosure rating Operating temperature Flexible use -25 °C +80 °C Stationary position -40 °C +80 °C Contamination rating Insulation resistance Overvoltage category CE IP65 IP65 CE IP65 IP65 COMPAND IP65 IP66 IP6	Signal type	Sensor/actuator cable
Enclosure rating IP65 Operating temperature Flexible use -25 °C +80 °C -40 °C +80 °C Stationary position -40 °C +80 °C Contamination rating Insulation resistance 100 MΩ Overvoltage category II	Application	Zones with oils and lubricants
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Authorizations	CE
Flexible use	Enclosure rating	IP65
Stationary position -40 °C +80 °C Contamination rating 3 Insulation resistance 100 MΩ Overvoltage category II	Operating temperature	
Insulation resistance 100 MΩ Overvoltage category II		-40 °C +80 °C
Overvoltage category		
		100 ΜΩ
Specific insulation resistance $5 \text{ m}\Omega$	Overvoltage category	П
	Specific insulation resistance	5 mΩ

Certificates

EU declaration of conformity	✓
China-RoHS	✓

Classifications

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

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