

SYL-1204-G0M11-X1

Y- and T-connectors

PLUG CONNECTORS AND CABLES





Ordering information

Туре	Part no.
SYL-1204-G0M11-X1	6055011

Other models and accessories → www.sick.com/Y-_and_T-connectors

Detailed technical data

Technical specifications

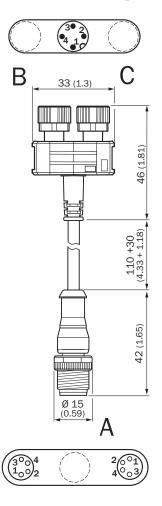
Accessory family Connection type head A Male connector, M12, 4-pin, A-coded Connection type head B Female connector, M12, 4-pin, A-coded Connection type head C Female connector, M12, 4-pin, A-coded Connectin type head C Signal type Sensor/actuator cable Connecting cable O.11 m, PVC Cable material PVC Conductor cross section Locking nut material Material knurled screw head A Material knurled screw head C Width across flats Shielding, head Reference voltage Current loading AA Contamination rating Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -30 °C +80 °C, flaxible use -30 °C +80 °C, stationary position Enclosure rating Per Per Per Per Per Per Per Pe	•	
Connection type head B Female connector, M12, 4-pin, A-coded Connection type head C Female connector, M12, 4-pin, A-coded Signal type Sensor/actuator cable Connecting cable Connecting cable O.11 m, PVC Cable material PVC Conductor cross section Locking nut material Zinc die-cast, nickel-plated Material knurled screw head A Zinc die-cast, nickel-plated Material knurled screw head C Zinc die-cast, nickel-plated Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 °C +80 °C, flexible use -30 °C +80 °C, stationary position Enclosure rating P67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Accessory family	Y-junctions
Connection type head C Signal type Sensor/actuator cable O.11 m, PVC Cable material PVC Conductor cross section Locking nut material Material knurled screw head A Material knurled screw head C Vidth across flats Shielding, head Unshielded Reference voltage Current loading A Contamination rating Note Ambient operating temperature Female connector, M12, 4-pin, A-coded Sensors with SICK Smart Sensors Female connector, M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Female connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors	Connection type head A	Male connector, M12, 4-pin, A-coded
Signal type Sensor/actuator cable Connecting cable 0.11 m, PVC Cable material PVC Conductor cross section 0.34 mm² Locking nut material Zinc die-cast, nickel-plated Material knurled screw head A Zinc die-cast, nickel-plated Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 ° C +80 ° C, flexible use -30 ° C +80 ° C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature A y-pin, straight, to connect SICK Sensors with SICK Smart Sensors	Connection type head B	Female connector, M12, 4-pin, A-coded
Connecting cable Cable material PVC Conductor cross section Locking nut material Material knurled screw head A Material knurled screw head C Width across flats Shielding, head Reference voltage Current loading A Contamination rating Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature PVG Curnet voltage Locking nut material Zinc die-cast, nickel-plated Zinc die-cast, nickel-plated Zinc die-cast, nickel-plated Vidth across flats 13 Shielding, head Unshielded S 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 ° C +80 ° C, flexible use -30 ° C +80 ° C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Connection type head C	Female connector, M12, 4-pin, A-coded
Cable material PVC Conductor cross section Locking nut material Material knurled screw head A Zinc die-cast, nickel-plated Material knurled screw head C Zinc die-cast, nickel-plated Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 ° C +80 ° C, flexible use -30 ° C +80 ° C, stationary position Enclosure rating PSC Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Signal type	Sensor/actuator cable
Conductor cross section 0.34 mm² Locking nut material Zinc die-cast, nickel-plated Material knurled screw head A Zinc die-cast, nickel-plated Material knurled screw head C Zinc die-cast, nickel-plated Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 ° C +80 ° C, flexible use -30 ° C +80 ° C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors	Connecting cable	0.11 m, PVC
Locking nut material Zinc die-cast, nickel-plated Material knurled screw head C Zinc die-cast, nickel-plated Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 °C +80 °C, flexible use -30 °C +80 °C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Cable material	PVC
Material knurled screw head A Zinc die-cast, nickel-plated Material knurled screw head C Zinc die-cast, nickel-plated Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 ° C +80 ° C, flexible use -30 ° C +80 ° C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Conductor cross section	0.34 mm ²
Material knurled screw head C Zinc die-cast, nickel-plated Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 ° C +80 ° C, flexible use -30 ° C +80 ° C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Locking nut material	Zinc die-cast, nickel-plated
Width across flats 13 Shielding, head Unshielded Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 °C +80 °C, flexible use -30 °C +80 °C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Material knurled screw head A	Zinc die-cast, nickel-plated
Shielding, head Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature -5 ° C +80 ° C, flexible use -30 ° C +80 ° C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Material knurled screw head C	Zinc die-cast, nickel-plated
Reference voltage ≤ 30 V DC Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable Ambient operating temperature −5 °C +80 °C, flexible use −30 °C +80 °C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Width across flats	13
Current loading 4 A Contamination rating 3 Note T-coupler 2 x M12 female + M12 male straight with cable -5 °C +80 °C, flexible use -30 °C +80 °C, stationary position Enclosure rating IP67 Pescription Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Shielding, head	Unshielded
Contamination rating Note T-coupler 2 x M12 female + M12 male straight with cable -5 °C +80 °C, flexible use -30 °C +80 °C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Reference voltage	≤ 30 V DC
Note T-coupler 2 x M12 female + M12 male straight with cable -5 °C +80 °C, flexible use -30 °C +80 °C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Current loading	4 A
Ambient operating temperature -5 °C +80 °C, flexible use -30 °C +80 °C, stationary position Enclosure rating IP67 Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Contamination rating	3
-30 °C +80 °C, stationary position Enclosure rating IP67 Pescription Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Note	T-coupler 2 x M12 female + M12 male straight with cable
Description Y-Junction, 2 x female connector M12, 4-pin, straight, 0.11 m PVC-cable, 1 x male connector M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Ambient operating temperature	
M12, 4-pin, straight, to connect SICK Sensors with SICK Smart Sensors Ambient operating temperature	Enclosure rating	IP67
	Description	, , , , , , , , , , , , , , , , , , , ,
Head -25 °C +80 °C	Ambient operating temperature	
	Head	-25 °C +80 °C

Classifications

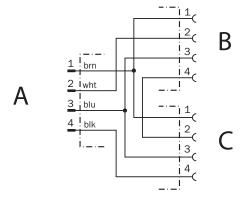
ECLASS 5.0	27279201
ECLASS 5.1.4	27279201
ECLASS 6.0	27279201
ECLASS 6.2	27279201
ECLASS 7.0	27279201
ECLASS 8.0	27279201
ECLASS 8.1	27279201

ECLASS 9.0	27440108
ECLASS 10.0	27440108
ECLASS 11.0	27440108
ECLASS 12.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585
ETIM 7.0	EC002585
ETIM 8.0	EC002585
UNSPSC 16.0901	31163032

Dimensional drawing (Dimensions in mm (inch))



Connection diagram



SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

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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