



DOS-1205-GQ

Plug connectors and cables

ACCESSORIES

SICKSensor Intelligence.



Ordering information

Туре	Part no.
DOS-1205-GQ	6021353

Other models and accessories

www.sick.com/Plug_connectors_and_cables

Detailed technical data

Technical specifications

Accessory family Plug connectors (ready to assemble) Connection type head A Female connector, M12, 5-pin, straight, B-coded Connection type head B - Connector material CuZn Connector color Silver Locking nut material CuZn, nickel-plated brass Conductor cross-section Shielded Conductor cross-section 0.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section ≤ 0.75 mm² Tightening torque ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature −25 °C+90 °C Enclosure rating Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable diameter 4 mm9 mm Head B: -		
Connection type head A Female connector, M12, 5-pin, straight, B-coded Connection type Screw-type terminals Connector material CuZn Connector color Silver Locking nut material CuZn, nickel-plated brass Cable Shielded Conductor cross-section 0.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section ≤ 0.75 mm² Tightening torque 0.5 Nm Reference voltage ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Accessory group	Plug connectors and cables
Connection type head B Connector material CuZn Connector color Silver Locking nut material CuZn, nickel-plated brass Cable Shielded Conductor cross-section 0.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section Silver Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature Locking nut material Locking nut material CuZn, nickel-plated brass CuZn, nickel-plated brass CuZn, nickel-plated brass Shielded CuZn, nickel-plated brass Shielded CuZn, nickel-plated brass Shielded Cuzn, nickel-plated brass Shielded S	Accessory family	Female connectors (ready to assemble)
Connection type Connector material CuZn Connector color Silver Locking nut material CuZn, nickel-plated brass Cable Shielded Conductor cross-section O.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section Signal type Current loading Signal type Ambient operating temperature Perolity Perol	Connection type head A	Female connector, M12, 5-pin, straight, B-coded
Connector material Connector color Silver Locking nut material CuZn, nickel-plated brass Cable Shielded Conductor cross-section O.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section Silver Conductor cross-section Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section Solver Current loading AA Signal type Ambient operating temperature Permitted connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Connection type head B	-
Connector color Locking nut material CuZn, nickel-plated brass Cable Shielded Conductor cross-section O.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section Silver Conductor cross-section 5.0.75 mm² 0.5 Nm Reference voltage Current loading 4 A Signal type Ambient operating temperature -25 °C +90 °C Enclosure rating Pescription Silver CuZn, nickel-plated brass CuZn, nickel-plated brass Silver CuZn, nickel-plated brass Shielded CuZn, nickel-plated brass Shielded 4.5 mm² 4.5 mm 7 mm -2.5 Nm -2.5 Nm -2.5 Nm -2.5 °C +90 °C -2.5 °C +90 °C -2.5 °C +90 °C -2.5 *C +90 °C	Connection type	Screw-type terminals
Locking nut material CuZn, nickel-plated brass Cable Shielded Conductor cross-section 0.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section ≤ 0.75 mm² Tightening torque 0.5 Nm Reference voltage ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Connector material	CuZn
Cable Shielded Conductor cross-section 0.14 mm² Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section ≤ 0.75 mm² Tightening torque 0.5 Nm Reference voltage ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Connector color	Silver
Conductor cross-section Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section 5 0.75 mm² Tightening torque 0.5 Nm Reference voltage 60 V Current loading 4 A Signal type Ambient operating temperature −25 °C +90 °C Enclosure rating Pescription 1.14 mm² 4.5 mm 7 mm 4.5 mm 7 mm 4.5 mm² 60 V 60	Locking nut material	CuZn, nickel-plated brass
Shielding Shielded Permitted cable diameter 4.5 mm 7 mm Permitted cross-section ≤ 0.75 mm² Tightening torque 0.5 Nm Reference voltage ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Cable	Shielded
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Permitted cross-section ≤ 0.75 mm² Tightening torque 0.5 Nm Reference voltage ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Shielding	Shielded
Tightening torque Reference voltage ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating PROFIBUS DP Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Permitted cable diameter	4.5 mm 7 mm
Reference voltage ≤ 60 V Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Permitted cross-section	≤ 0.75 mm²
Current loading 4 A Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Tightening torque	0.5 Nm
Signal type PROFIBUS DP Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Reference voltage	≤ 60 V
Ambient operating temperature -25 °C +90 °C Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Current loading	4 A
Enclosure rating IP67 Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Signal type	PROFIBUS DP
Description Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable di-	Ambient operating temperature	-25 °C +90 °C
	Enclosure rating	IP67
	Description	

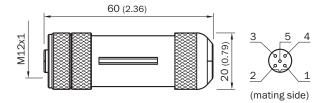
Classifications

ECI@ss 5.0	27279290
ECI@ss 5.1.4	27279290
ECI@ss 6.0	27279221
ECI@ss 6.2	27279221
ECI@ss 7.0	27440104
ECI@ss 8.0	27440104
ECI@ss 8.1	27440104
ECI@ss 9.0	27440102
ETIM 5.0	EC002635
ETIM 6.0	EC002635

UNSPSC 16.0901

39121421

Dimensional drawing (Dimensions in mm (inch))



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