



## Field-wireable connectors

Field-wireable connectors ensure high flexibility in device installation

**SICK**  
Sensor Intelligence.



## Product description

SICK now also offers field-wireable plug connectors with insulation displacement contact (IDC) technology. An enormous advantage: Installation of these plug connectors is simple and saves time. And they work just as reliably as the proven SICK plug connectors with screw terminals.

## At a glance

- Variants available for relevant solution segments: Signal, data and cable transmission
- Displacement and spring clamp, screw, solder or crimp connection possible
- Demanding applications: Leak tightness up to IP69 and addressable stainless steel housing
- Comprehensive portfolio of M8, M12, M16 and M23 plug connectors

## Your benefits

- Flexibility – Choice of different connection technologies
- Performance – Equivalent transmission of signals, data and power compared to encapsulated plug connectors
- Simplicity – Ability to reduce complex inventory by implementing the wiring solution in the field

## Ordering information

Other models and accessories → [www.sick.com/Field-wireable\\_connectors](http://www.sick.com/Field-wireable_connectors)

- **Connection type head A:** female connector, DIN 43650, 4-pin, angled

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-0303-W	6005698

- **Connection type head A:** female connector, M26, 7-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw contacts	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	DOS-0607W000IA3KU0	6007363

- **Connection type head A:** female connector, M26, 12-pin, straight, A-coded
- **Description:** unshielded
- **Connection systems:** crimp contacts

Permitted cross-section	Note	Type	Part no.
0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	12 crimping contacts enclosed	DOS-0612G000GA3KM0	6020757
≤ 0.5 mm <sup>2</sup>	LABS-free	DOS-0612G000GA3KM6	6053198

- **Connection type head A:** female connector, M8, 3-pin, angled, A-coded
- **Description:** unshielded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-0803-WSK	6053168
Solder connection	≤ 0.25 mm <sup>2</sup>	DOS-0803-W	7902078

- **Connection type head A:** female connector, M8, 4-pin, angled, A-coded
- **Description:** unshielded

Connection systems	Permitted cross-section	Type	Part no.
Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-0804-WSK	6053169
Solder connection	≤ 0.25 mm <sup>2</sup>	DOS-0804-W	6009975

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Unshielded	Cutting technology	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	–	DOS-1204-GQU6	6042088
		0.34 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>	–	DOS-1204-GQU8	6053328
	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	–	DOS-1204-GX	6026528
			Hygienic and wash-down zones	DOS-1204-GN	6028357
Unshielded, Head A: female	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	–	DOS-1204-G	6007302

## Field-wireable connectors

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
connector, M12, 4-pin, straight, unshielded, for power supply, for cable diameter 4 mm ... 6 mm Head B: -					

- **Connection type head A:** female connector, M12, 4-pin, straight, D-coded
- **Signal type:** PROFINET

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	PROFINET, shielded, Head A: female connector, M12, 4-pin, straight, D-coded, shielded, PROFINET, EtherCAT, for cable diameter 4 mm ... 8 mm	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	DOS-1204-GZ	6048263

- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Connection systems:** screw-type terminals
- **Permitted cross-section:** ≤ 0.75 mm<sup>2</sup>

Description	Application	Type	Part no.
Unshielded	-	DOS-1204-WX	6025570
	Hygienic and washdown zones	DOS-1204-WN	6028358
Unshielded, Head A: female connector, M12, 4-pin, angled, unshielded, for power supply, for cable diameter 3 mm ... 6.5 mm Head B: -	-	DOS-1204-W	6007303

- **Connection type head A:** female connector, M12, 4-pin, angled, D-coded
- **Signal type:** PROFINET

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	PROFINET, shielded, Head A: female connector, M12, 4-pin, angled, D-coded, shielded, for cable diameter 4 mm ... 8 mm	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	DOS-1204-WZ	6048264

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection systems:** screw-type terminals
- **Permitted cross-section:** 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Description	Application	Type	Part no.
Shielded	–	DOS-1208-GA	6028369
	Hygienic and washdown zones	YF12ES8-0050S5586A	2097334
Unshielded	–	DOS-1208-G	6028422

- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-1208-W	2092035

- **Connection type head A:** male connector, M8, 3-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	STE-0803-WSK	6053170

- **Connection type head A:** male connector, M8, 4-pin, straight, A-coded
- **Description:** unshielded

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	STE-0804-GPC	6042091
Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	STE-0804-G	6037323

- **Connection type head A:** male connector, M8, 4-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	STE-0804-WSK	6053171

- **Connection type head A:** male connector, RJ45, 4-pin, straight
- **Signal type:** Ethernet, PROFINET

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Ethernet, PROFINET, shielded, Head A: male connector, RJ45, 4-pin, straight, shielded, PROFINET, EtherCAT, for cable diameter 4.5 mm ... 8 mm	IDC quick connection	4 mm <sup>2</sup> ... 8 mm <sup>2</sup>	STE-0J04-GZ	6048260

- **Connection type head A:** male connector, M12, 4-pin, straight, D-coded
- **Signal type:** Ethernet, PROFINET

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Ethernet, PROFINET, shielded	Spring-cage connection	≤ 0.5 mm <sup>2</sup>	Hygienic and wash-down zones	STE-1204-GE	6032802

- **Connection type head A:** male connector, M12, 4-pin, straight, A-coded

Description	Connection systems	Permitted cross-section	Note	Application	Type	Part no.
-	Cutting technology	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	Test voltage 1.25 kV eff/60 s, insulation group C to VDE 0110, for field bus technology	-	STE-1204-GQU6	6042089
Unshielded	Cutting technology	0.34 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>	-	-	STE-1204-GQU8	6044998
	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	-	-	STE-1204-G	6009932
				Hygienic and wash-down zones	STE-1204-GN	6028359
				For 2 cable connections	Hygienic and wash-down zones	STE-1204-TN

- **Connection type head A:** male connector, M12, 4-pin, straight, D-coded
- **Signal type:** PROFINET

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
-	PROFINET, shielded	-	-	Male connector (ready to assemble)	6047860
CAT5, CAT5e	PROFINET, shielded, Head A: male connector, M12, 4-pin, straight, D coded, shielded, for cable diameter 4 mm ... 8 mm	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	STE-1204-GZ	6048261

- **Connection type head A:** male connector, M12, 4-pin, angled, D-coded
- **Signal type:** PROFINET

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	PROFINET, shielded, Head A: male connector,	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	STE-1204-WZ	6048262

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
	M12, 4-pin, angled, D coded, shielded, for cable diameter 4 mm ... 8 mm				

- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Connection systems:** screw-type terminals

Description	Permitted cross-section	Note	Application	Type	Part no.
Shielded	≤ 0.5 mm <sup>2</sup>	–	–	STE-1208-GA	6028370
			Hygienic and wash-down zones	YM12ES8-0050S5586A	2097337
Unshielded	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	For field bus technology	–	STE-1208-G	6033269

- **Connection type head A:** male connector, M12, 8-pin, angled, B-coded

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Screw-type terminals	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	For field bus technology	STE-1208-W	2092036

- **Connection type head A:** male connector, M12, 8-pin, straight, X-coded
- **Signal type:** Ethernet

Description	Connection systems	Type	Part no.
Ethernet	Piercecon fast connection	MALE CONNECTOR,YL.LTG.SK 8P. M12 CAT6A IP67	6054376

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	YF08U13-1434K2551A	2109288

- **Connection type head A:** female connector, M8, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	YF08U14-1434K2551A	2109289

## Field-wireable connectors

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection systems:** screw-type terminals
- **Permitted cross-section:**  $\leq 0.75 \text{ mm}^2$

Description	Note	Application	Type	Part no.
Shielded	-	Hygienic and washdown zones	YF12ES5-0075S5586A	2097335
Unshielded	Test voltage 1.0 kV eff/60 s, insulation group C to VDE 0110	-	DOS-1205-GX	6047950
Unshielded, Head A: female connector, M12, 5-pin, straight, unshielded, for cable diameter 4 mm ... 6 mm Head B: -	-	-	DOS-1205-G	6009719

- **Connection type head A:** female connector, M12, 4-pin, straight, L-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded, cable diameter 8 mm ... 13 mm	Screw-type terminals	1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>	YF12PA5-0003S0003L	2141091

- **Connection type head A:** female connector, M12, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	Zones with oils and lubricants	YF12U13-2550K4051A	2109292

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	Zones with oils and lubricants	YF12U14-2550K4051A	2109293

- **Connection type head A:** female connector, M12, 3-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable
- **Connection systems:** IDC quick connection
- **Permitted cross-section:** 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>
- **Application:** Zones with oils and lubricants

Type	Part no.
YG12U13-2550K4051A	2109296
YI12U13-2550K4051A	2109297



- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable
- **Connection systems:** IDC quick connection
- **Permitted cross-section:** 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>
- **Application:** Zones with oils and lubricants

Type	Part no.
YG12U14-2550K4051A	2109298
YI12U14-2550K4051A	2109299

- **Connection type head A:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable
- **Connection systems:** IDC quick connection

Permitted cross-section	Type	Part no.
0.08 mm <sup>2</sup> ... 0.25 mm <sup>2</sup>	YM08U13-0002K1823A	2122277
0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	YM08U13-1434K2551A	2109286

- **Connection type head A:** male connector, M8, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	YM08U14-1434K2551A	2109287

- **Connection type head A:** male connector, M12, 4-pin, straight, D-coded

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Shielded	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	Hygienic and wash-down zones	YM12ES4-0075S5586D	2109773

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded

Description	Connection systems	Permitted cross-section	Note	Application	Type	Part no.
Shielded	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	–	Hygienic and wash-down zones	YM12ES5-0075S5586A	2097336
Unshielded	Spring-cage connection	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	Test voltage 1.25 kV eff/60 s, insulation group C to VDE 0110	–	STE-1205-GFE	6044999
Unshielded, Head A: male connector, M12, 5-pin, straight,	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	For field bus technology	–	STE-1205-G	6022083

Description	Connection systems	Permitted cross-section	Note	Application	Type	Part no.
unshielded, for cable diameter 4 mm ... 6 mm Head B: -						

- **Connection type head A:** male connector, M12, 4-pin, straight, L-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded, Cable diameter 8 mm ... 13 mm	Screw-type terminals	1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>	YM12PA5-0003S0003L	2141090

- **Connection type head A:** male connector, M12, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	Zones with oils and lubricants	YM12U13-2550K4051A	2109290

- **Connection type head A:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable
- **Connection systems:** IDC quick connection

Permitted cross-section	Application	Type	Part no.
0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	-	YM12U14-1434K2951A	2115540
0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	Zones with oils and lubricants	YM12U14-2550K4051A	2109291

- **Connection type head A:** male connector, M12, 3-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	Zones with oils and lubricants	YN12U13-2550K4051A	2109294

- **Connection type head A:** male connector, M12, 4-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable

Description	Connection systems	Permitted cross-section	Application	Type	Part no.
Sensor/actuator cable	IDC quick connection	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	Zones with oils and lubricants	YN12U14-2550K4051A	2109295

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Description:** unshielded

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	DOS-0803-GPC	6042092
Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-0803-G	7902077

- **Connection type head A:** male connector, M8, 3-pin, straight, A-coded
- **Description:** unshielded

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	STE-0803-GPC	6042093
Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	STE-0803-G	6037322

- **Connection type head A:** female connector, M8, 4-pin, straight, A-coded
- **Description:** unshielded

Connection systems	Permitted cross-section	Type	Part no.
Piercecon fast connection	–	DOS-0804-GPC	6042090
Screw-type terminals	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-0804-G	6009974

- **Connection type head A:** male connector, 7/8", 5-pin, straight, A-coded
- **Signal type:** DeviceNet™, CANopen

Description	Permitted cross-section	Note	Type	Part no.
DeviceNet™, CANopen, shielded	≤ 1.5 mm <sup>2</sup>	For field bus technology	STE-7805-GK	6028332

- **Connection type head A:** female connector, M16, 8-pin, straight, A-coded

Description	Connection systems	Type	Part no.
Shielded	Solder connection	DOS-1608-GA	6025726

- **Connection type head A:** male connector, M12, 4-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	STE-1204-W	6022084

- **Connection type head A:** female connector, M16, 8-pin, angled, A-coded

Description	Connection systems	Type	Part no.
Shielded	Solder connection	DOS-1608-WA	6025727

- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	DOS-1205-W	6009720

- **Connection type head A:** male connector, M12, 5-pin, straight, B-coded
- **Signal type:** PROFIBUS DP

Description	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP, shielded, Head A: male connector, M12, 5-pin, straight, B coded, shielded, for cable diameter 4 mm ... 9 mm Head B: -	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	STE-1205-GQ	6021354

- **Connection type head A:** female connector, M12, 5-pin, angled, X-coded

Description	Note	Type	Part no.
Unshielded	Test voltage 1.0 kV eff/60 s, insulation group C to VDE 0110	DOS-1205-WX	6047951

- **Connection type head A:** female connector, M16, 12-pin, angled, A-coded
- **Permitted cross-section:** ≤ 0.25 mm<sup>2</sup>

Description	Type	Part no.
Shielded	DOS-1612-WA	6022370
Unshielded	DOS-1612-W	6007988

- **Connection type head A:** male connector, M12, 5-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	For field bus technology	STE-1205-W	6022082

- **Connection type head A:** female connector, M12, 5-pin, straight, B-coded
- **Signal type:** PROFIBUS DP

Description	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP, shielded, Head A: M12 female connector, 5-pin, straight, B-coded, PROFIBUS DP, shielded, for cable diameter 4 mm ... 9 mm Head B: -	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	DOS-1205-GQ	6021353

- **Connection type head A:** female connector, M18, 4-pin, angled, X-coded

Description	Type	Part no.
Unshielded	DOS-1804-W	6009437

- **Connection type head A:** male connector, M26, 12-pin, straight, A-coded

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Crimp contacts	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	12 crimping contacts enclosed	STE-0612G000GA3KM0	6021191

- **Connection type head A:** female connector, M12, 4-pin, straight, D-coded
- **Signal type:** Ethernet

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Ethernet, shielded, Head A: female connector, M12, 4-pin, straight, D-coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	DOS-1204-GE	6048153

- **Connection type head A:** male connector, M26, 12-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Crimp contacts	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	12 crimping contacts enclosed	STE-0612W000GA3KM0	6021192

- **Connection type head A:** female connector, M12, 4-pin, angled, D-coded
- **Signal type:** Ethernet

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Ethernet, shielded, Head A: female connector, M12, 4-pin, angled, D-coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	DOS-1204-WE	6048154

- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded
- **Signal type:** Ethernet

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Ethernet, shielded, M12 female connector, A-coded	QUICKON connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	DOS-1208-WA	6043358

- **Connection type head A:** female connector, Q6, 6-pin, angled, DC-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Solder connection	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-1306-W	6006710

- **Connection type head A:** male connector, M12, 4-pin, straight, D-coded
- **Signal type:** Ethernet

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Ethernet, shielded, Head A: male connector, M12, 4-pin, straight, D coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	STE-1204-GE01	6048151

- **Connection type head A:** female connector, M12, 5-pin, straight, X-coded
- **Signal type:** CANopen, DeviceNet™

Description	Connection systems	Permitted cross-section	Type	Part no.
CANopen, DeviceNet™, shielded, Head A: female connector, M12, 5-pin, straight, shielded, for cable diameter 4.5 mm ... 7 mm Head B: -	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	DOS-1205-GA	6027534

- **Connection type head A:** female connector, Q6, 6-pin, angled, AC-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Solder connection	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-1406-W	6006685

- **Connection type head A:** male connector, M12, 4-pin, angled, D-coded
- **Signal type:** Ethernet

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Ethernet, shielded, Head A: male connector, M12, 4-pin, angled, D coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	STE-1204-WE	6048152

- **Connection type head A:** female connector, M12, 5-pin, angled, B-coded
- **Signal type:** PROFIBUS DP

Description	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP, shielded, Head A: female connector, M12, 5-pin, angled, B-coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	Spring-cage connection	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	DOS-1205-WQ	6041429

- **Connection type head A:** female connector, Q7, 7-pin, angled, DC-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	0.25 mm <sup>2</sup> ... 1 mm <sup>2</sup>	DOS-2107-W	6006823

- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Signal type:** Incremental

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Incremental, shielded, Head A: male connector, M12, 8-pin, straight, A coded, shielded, for cable diameter 4 mm ... 8 mm Head B: - Operating temperature: -40 °C ... +85 °C	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	STE-1208-GA01	6044892

- **Connection type head A:** female connector, Q7, 7-pin, angled, AC-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded	Screw-type terminals	0.25 mm <sup>2</sup> ... 1 mm <sup>2</sup>	DOS-2207-W	6006821

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** CANopen, DeviceNet™

Description	Connection systems	Permitted cross-section	Type	Part no.
CANopen, DeviceNet™, shielded, Head A: male connector, M12, 5-pin, straight, A coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	Screw-type terminals	≤ 0.75 mm <sup>2</sup>	STE-1205-GA	6027533

## Field-wireable connectors

- **Connection type head A:** female connector, 7/8", 5-pin, straight, A-coded
- **Signal type:** DeviceNet™, CANopen

Description	Permitted cross-section	Type	Part no.
DeviceNet™, CANopen, shielded	≤ 1.5 mm <sup>2</sup>	DOS-7805-GK	6028331

- **Connection type head A:** male connector, M12, 5-pin, angled, B-coded
- **Signal type:** PROFIBUS DP

Description	Connection systems	Permitted cross-section	Type	Part no.
PROFIBUS DP, shielded, Head A: male connector, M12, 5-pin, angled, B coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	Spring-cage connection	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>	STE-1205-WQ	6041428

- **Connection type head A:** female connector, M26, 7-pin, straight, A-coded

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Crimp contacts	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	7 crimping contacts enclosed	DOS-0607G000GA3KM0	6006612

- **Connection type head A:** female connector, M26, 12-pin, angled, A-coded

Description	Connection systems	Permitted cross-section	Note	Type	Part no.
Unshielded	Crimp contacts	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	12 crimping contacts enclosed	DOS-0612W000GA3KM0	6020758

- **Connection type head A:** male connector, RJ45, 8-pin, straight
- **Signal type:** Gigabit Ethernet

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT6A	Gigabit Ethernet, shielded, Head A: male connector, RJ45, 8-pin, straight, shielded, Ethernet/IP, for cable diameter 4.5 mm ... 8 mm Head B: -	IDC quick connection	4.5 mm <sup>2</sup> ... 8 mm <sup>2</sup>	STE-0J08-GE	6048150



- **Connection type head A:** female connector, M23, 9-pin, straight, A-coded
- **Signal type:** HIPERFACE<sup>®</sup>, SSI, Incremental

Description	Connection systems	Type	Part no.
HIPERFACE <sup>®</sup> , SSI, Incremental, shielded, Head A: female connector, M23, 9-pin, straight, shielded, for cable diameter 5.5 mm ... 10.5 mm Head B: Operating temperature: -20 °C ... +130 °C	Solder connection	DOS-2309-G	6028533

- **Connection type head A:** female connector, M23, 12-pin, straight, A-coded
- **Signal type:** HIPERFACE<sup>®</sup>, SSI, Incremental
- **Connection systems:** solder connection

Description	Type	Part no.
HIPERFACE <sup>®</sup> , SSI, Incremental, shielded, Head A: female connector, M23, 12-pin, straight, shielded, for cable diameter 5.5 mm ... 10.5 mm Head B: - Operating temperature: -40 °C ... +125 °C	DOS-2312-G02	2077057
HIPERFACE <sup>®</sup> , SSI, Incremental, shielded, Head A: female connector, M23, 12-pin, straight, shielded, for cable diameter 5.5 mm ... 10.5 mm Head B: Operating temperature: -20 °C ... +130 °C	DOS-2312-G	6027538
HIPERFACE <sup>®</sup> , SSI, Incremental, shielded, M23 female connector	DOS-2312-GS02	2071778

- **Connection type head A:** female connector, M23, 12-pin, angled, A-coded
- **Signal type:** HIPERFACE<sup>®</sup>, SSI, Incremental

Description	Connection systems	Type	Part no.
HIPERFACE <sup>®</sup> , SSI, Incremental, shielded, Head A: female connector, M23, 12-pin, angled, shielded, for cable diameter 4.2 mm ... 6.6 mm Head B: - Operating temperature: -20 °C ... +130 °C	Solder connection	DOS-2312-W01	2072580

- **Connection type head A:** female connector, M12, 7-pin, straight, A-coded

Description	Connection systems	Permitted cross-section	Type	Part no.
Unshielded, female connector, M12, 5-pin, straight, for cable diameter 6 mm ... 8 mm	Screw-type terminals	≤ 1.5 mm <sup>2</sup>	Connector	6049886

- **Connection type head A:** female connector, MS/06, 6-pin, straight, A-coded

Description	Type	Part no.
Unshielded	DOS-MS06-G	7102136

- **Connection type head A:** female connector, MS/07, 7-pin, straight, A-coded

Description	Type	Part no.
Unshielded	DOS-MS07-G	7102143

Description	Type	Part no.
Front connector with 4P / 10P spring terminals	RLY0-ACC0100	6059567
Front connector with 4P / 12P spring terminals	RLY0-ACC0300	6072328
Front connector with 6P / 10P spring terminals	RLY0-ACC0500	6072331
Front connector with 8P / 8P spring terminals	RLY0-ACC0400	6072329

- **Connection type head A:** male connector, M23, 12-pin, straight, A-coded
- **Signal type:** HIPERFACE<sup>®</sup>, SSI, Incremental
- **Connection systems:** solder connection

Description	Type	Part no.
HIPERFACE <sup>®</sup> , SSI, Incremental, shielded, Head A: male connector, M23, 12-pin, straight, for cable diameter 5.5 mm ... 10.5 mm Head B: - Operating temperature: -40 °C ... +125 °C	STE-2312-G01	2077273
HIPERFACE <sup>®</sup> , SSI, Incremental, shielded, M23 female connector with central fixing ( for cabinet bushing )	STE-2312-GX	6028548

- **Connection type head A:** male connector, M12, 7-pin, straight, A-coded

Description	Permitted cross-section	Type	Part no.
Unshielded, male connector, M12, 5-pin, straight, for cable diameter 6 mm ... 8 mm	≤ 1.5 mm <sup>2</sup>	Male connector	6049036

- **Connection type head A:** male connector, R16, A-coded

Description	Type	Part no.
Unshielded	STE-2606	6004193

- **Connection type head A:** female connector, M16, 12-pin, straight, A-coded

Description	Permitted cross-section	Type	Part no.
Shielded	≤ 0.25 mm <sup>2</sup>	DOS-1612-GA	6022369

- **Connection type head A:** male connector, 7/8", 4-pin, straight, A-coded

Description	Permitted cross-section	Note	Type	Part no.
Unshielded	≤ 1.5 mm <sup>2</sup>	Auxiliary power supply	Male connector	6030804

- **Connection type head A:** female connector, M18, 4-pin, straight, X-coded

Description	Type	Part no.
Unshielded	DOS-1804-G	6009436

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Signal type:** Incremental, SSI

Cable	Description	Connection systems	Permitted cross-section	Type	Part no.
CAT5, CAT5e	Incremental, SSI, shielded, Head A: female connector, M12, 8-pin, straight, A encoded, shielded, for cable diameter 4 mm ... 8 mm Head B: - Operating temperature: -40 °C ... +85 °C	IDC quick connection	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>	DOS-1208-GA01	6045001

- **Connection type head A:** male connector, D-Sub
- **Signal type:** PROFIBUS DP

Description	Type	Part no.
PROFIBUS DP, unshielded, in combination with CMF400-1101	PROFIBUS male connector	6029030

- **Connection type head A:** male connector, RJ45, 4-pin

Description	Type	Part no.
Unshielded	Male connector (ready to assemble)	6028386

- **Connection type head A:** female connector, 7/8", 5-pin, straight, A-coded

Cable	Description	Type	Part no.
AWG16	Unshielded	Female connector (ready to assemble)	6045310

- **Connection type head A:** female connector, MS/10, 10-pin, straight, A-coded

Description	Type	Part no.
Unshielded	DOS-MS10-G	7102129

- **Connection type head A:** female connector, M14, 7-pin, straight, A-coded
- **Signal type:** PROFIBUS DP, PROFIBUS DP, PROFIBUS DP

Description	Connection systems	Type	Part no.
PROFIBUS DP, PROFIBUS DP, PROFIBUS DP, shielded, Head A: female connector, M14, 7-pin, straight, shielded, for cable diameter 4 mm ... 8 mm Head B: -	Solder connection	DOS-1507-G	6027536

- **Connection type head A:** male connector, M14, 7-pin, straight, A-coded
- **Signal type:** PROFIBUS DP

Description	Connection systems	Type	Part no.
PROFIBUS DP, shielded, Head A: male connector, M14, 7-pin, straight, D coded, shielded, for cable diameter 4 mm ... 8 mm Head B: -	Solder connection	STE-1507-G	6027535

- **Connection type head A:** female connector, M23, 21-pin, straight, A-coded
- **Signal type:** SSI

Description	Connection systems	Type	Part no.
SSI, shielded, Head A: female connector, M23, 21-pin, straight, shielded, for cable diameter 5.5 mm ... 12 mm Head B: -	Crimp contacts	DOS-2321-G	6027539

- **Connection type head A:** male connector, M23, 12-pin, straight, A-coded
- **Signal type:** HIPERFACE<sup>®</sup>, SSI, Incremental, RS-422

Description	Connection systems	Type	Part no.
HIPERFACE <sup>®</sup> , SSI, Incremental, RS-422, shielded, M23 male connector	Solder connection	STE-2312-G	6027537

- **Connection type head A:** female connector, D-Sub, 37-pin, straight
- **Signal type:** SSI

Description	Type	Part no.
SSI, shielded, D-Sub female connector	DOS-0D37-G	2029224

- **Connection type head A:** male connector, D-Sub, 15-pin, straight
- **Signal type:** SSI

Description	Connection systems	Type	Part no.
SSI, shielded, D-Sub male connector	Solder connection	STE-0D15-G	2029223

- **Connection type head A:** male connector, 12-pin
- **Connection type head B:** terminal connector, 12-pin

Description	Connection systems	Note	Type	Part no.
Unshielded	Spring terminal	Terminal strip for AOD5-P/N1 (OD Precision)	TERM.-AOD5	6035989

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