

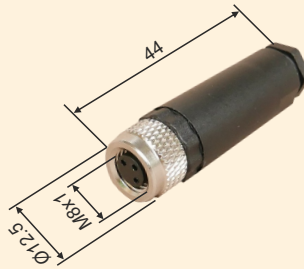
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CABLE CONNECTORS



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CCP8-3FS-C

Technical parameters

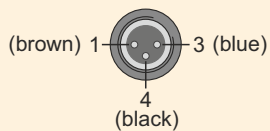
Type
Geometry
Number of pins, n
Connecting thread
Cable diameter, d
Operating temperature, T_{amb}
Degree of protection
Light indication
Overall dimensions
Housing - plastic
Origin

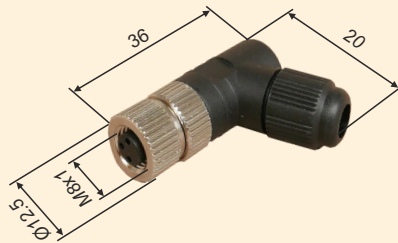
CCP8-3FS-C
M8, straight, female
3, CuZn(Au), (3A/60V)
M8 x 1
 $\varnothing 3,5 \div \varnothing 5,0$
-25...+85°C
IP67 (IEC144)
No
 $\varnothing 12,5 \times 44$ mm
PA6 (Polyamide)
China

Diagram of connection of a sensor with a 3-pin connector

3-wire, DC
"NO / NC"
Pin 1 - U_s (+)
Pin 3 - U_s (-)
Pin 4 - NO/NC

Layout of the pins





CCP8-3FA-C

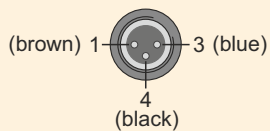
Technical parameters

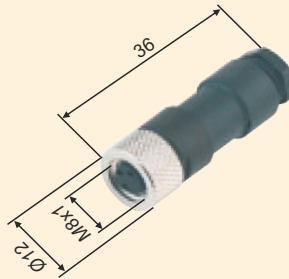
Type	CCP8-3FA-C
Geometry	M8, angled, female
Number of pins, <i>n</i>	3, CuZn(Au), (3A/60V)
Connecting thread	M8 x 1
Cable diameter, <i>d</i>	Ø3,5 ÷ Ø5,0
Operating temperature, <i>T_{amb}</i>	-25...+85°C
Degree of protection	IP67 (IEC144)
Light indication	No
Overall dimensions	Ø12.5 x 36 x 20 mm
Housing - plastic	PA6 (Polyamide)
Origin	China

Diagram of connection of a sensor with a 3-pin connector

3-wire, DC
"NO / NC"
 Pin 1 - Us (+)
 Pin 3 - Us (-)
 Pin 4 - NO/NC

Layout of the pins





CCP8-3FS-G

Technical parameters

Type
Geometry
Number of pins, n
Connecting thread
Cable diameter, d
Operating temperature, T_{amb}
Degree of protection
Light indication
Overall dimensions
Housing - plastic
Origin

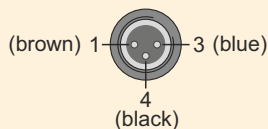
CCP8-3FS-G
M8, straight, female
3, CuZn(Au), (4A/60V)
M8 x 1
 $\varnothing 3,5 \div \varnothing 5,0$
-40...+85°C
IP67 (IEC144)
No
 $\varnothing 12 \times 36$ mm
PA6 (Polyamide)
Germany

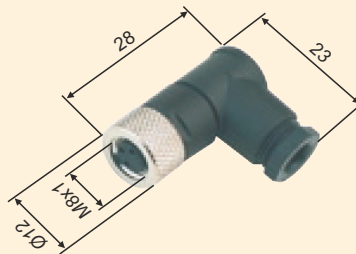
Diagram of connection of a sensor with a 3-pin connector

3-wire, DC "NO / NC"

Pin 1 - U_s (+)
Pin 3 - U_s (-)
Pin 4 - NO/NC

Layout of the pins





CCP8-3FA-G

Technical parameters

Type
Geometry
Number of pins, n
Connecting thread
Cable diameter, d
Operating temperature, T_{amb}
Degree of protection
Light indication
Overall dimensions
Housing - plastic
Origin

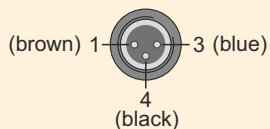
CCP8-3FA-G
M8, angled, female
3, CuZn(Au), (4A/60V)
M8 x 1
 $\varnothing 3,5 \div \varnothing 5,0$
 $-40 \dots +85^{\circ}\text{C}$
IP67 (IEC144)
No
 $\varnothing 12 \times 28 \times 23 \text{ mm}$
PA6 (Polyamide)
Germany

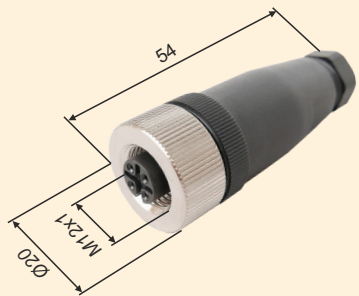
Diagram of connection of a sensor with a 3-pin connector

3-wire, DC "NO / NC"

Pin 1 - $U_s (+)$
Pin 3 - $U_s (-)$
Pin 4 - NO/NC

Layout of the pins





CCP12-4FS-C

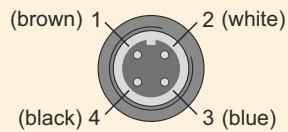
Technical parameters

Type	CCP12-4FS-C
Geometry	M12, straight, female
Number of pins, <i>n</i>	4, CuZn(CuSnZn), (4A/250V)
Connecting thread	M12 x 1
Cable diameter, <i>d</i>	Ø4,0 ÷ Ø7,0
Operating temperature, <i>Tamb</i>	-25...+85°C
Degree of protection	IP67 (IEC144)
Light indication	No
Overall dimensions	Ø20 x 54 mm
Housing - plastic	PA6 (Polyamide)
Origin	China

Diagram of connection of a sensor with a 4-pin connector

4-wire, DC "NO + NC"	3-wire, DC "NO"	2-wire DC "NO"	2-wire, AC "NO"
Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 3 - Us (~)
Pin 2 - NC	Pin 4 - NO	Pin 4 - NO	Pin 4 - NO (~)
Pin 3 - Us (-)	Pin 3 - Us (-)		
Pin 4 - NO			
	3-wire, DC "NC"	2-wire, DC "NC"	2-wire, AC "NC"
	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (~)
	Pin 2 - NC	Pin 2 - NC	Pin 2 - NC (~)
	Pin 3 - Us (-)		

Layout of the pins





CCP12-4FA-C

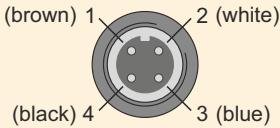
Technical parameters

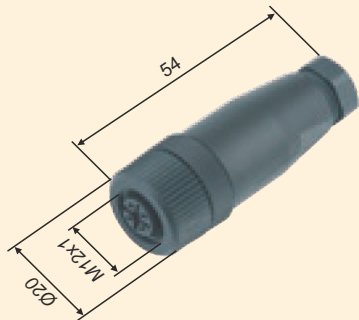
Type	CCP12-4FA-C
Geometry	M12, angled, female
Number of pins, <i>n</i>	4, CuZn(CuSnZn), (4A/250V)
Connecting thread	M12 x 1
Cable diameter, <i>d</i>	Ø4,0 ÷ Ø7,0
Operating temperature, <i>T_{amb}</i>	-25...+85°C
Degree of protection	IP67 (IEC144)
Light indication	No
Overall dimensions	Ø20 x 35 x 38 mm
Housing - plastic	PA6 (Polyamide)
Origin	China

Diagram of connection of a sensor with a 4-pin connector

4-wire, DC "NO + NC"	3-wire, DC "NO"	2-wire DC "NO"	2-wire, AC "NO"
Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 3 - Us (~)
Pin 2 - NC	Pin 4 - NO	Pin 4 - NO	Pin 4 - NO (~)
Pin 3 - Us (-)	Pin 3 - Us (-)		
Pin 4 - NO			
	3-wire, DC "NC"	2-wire, DC "NC"	2-wire, AC "NC"
	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (~)
	Pin 2 - NC	Pin 2 - NC	Pin 2 - NC (~)
	Pin 3 - Us (-)		

Layout of the pins





CCP12-4FS-G

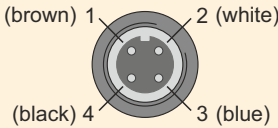
Technical parameters

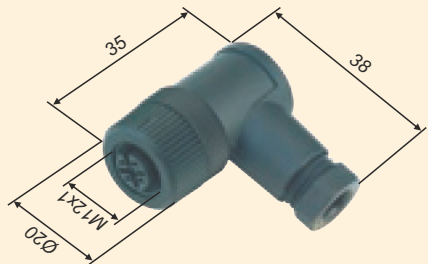
Type	CCP12-4FS-G
Geometry	M12, straight, female
Number of pins, <i>n</i>	4, CuZn(CuSnZn), (4A/250V)
Connecting thread	M12 x 1
Cable diameter, <i>d</i>	Ø4,0 ÷ Ø6,0
Operating temperature, <i>T_{amb}</i>	-40...+85°C
Degree of protection	IP67 (IEC144)
Light indication	No
Overall dimensions	Ø20 x 54 mm
Housing - plastic	PA6 (Polyamide)
Origin	Germany

Diagram of connection of a sensor with a 4-pin connector

4-wire, DC "NO + NC"	3-wire, DC "NO"	2-wire DC "NO"	2-wire, AC "NO"
Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 3 - Us (~)
Pin 2 - NC	Pin 4 - NO	Pin 4 - NO	Pin 4 - NO (~)
Pin 3 - Us (-)	Pin 3 - Us (-)		
Pin 4 - NO			
	3-wire, DC "NC"	2-wire, DC "NC"	2-wire, AC "NC"
	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (~)
	Pin 2 - NC	Pin 2 - NC	Pin 2 - NC (~)
	Pin 3 - Us (-)		

Layout of the pins





CCP12-4FA-G

Technical parameters

Type	CCP12-4FA-G
Geometry	M12, angled, female
Number of pins, <i>n</i>	4, CuZn(CuSnZn), (4A/250V)
Connecting thread	M12 x 1
Cable diameter, <i>d</i>	Ø4,0 ÷ Ø6,0
Operating temperature, <i>T_{amb}</i>	-40...+85°C
Degree of protection	IP67 (IEC144)
Light indication	No
Overall dimensions	Ø20 x 35 x 38 mm
Housing - plastic	PA6 (Polyamide)
Origin	Germany

Diagram of connection of a sensor with a 4-pin connector

4-wire, DC "NO + NC"	3-wire, DC "NO"	2-wire DC "NO"	2-wire, AC "NO"
Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 3 - Us (~)
Pin 2 - NC	Pin 4 - NO	Pin 4 - NO	Pin 4 - NO (~)
Pin 3 - Us (-)	Pin 3 - Us (-)		
Pin 4 - NO			
	3-wire, DC "NC"	2-wire, DC "NC"	2-wire, AC "NC"
	Pin 1 - Us (+)	Pin 1 - Us (+)	Pin 1 - Us (~)
	Pin 2 - NC	Pin 2 - NC	Pin 2 - NC (~)
	Pin 3 - Us (-)		

Layout of the pins

