M23 connection technology | Connectors, self-assembly

12 pin

Order no.

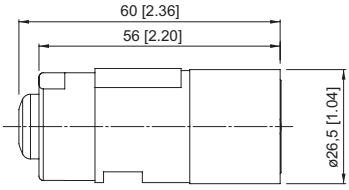
Male connector with external thread
pin assignment ccw

Housing: metal, IP67



solder connections,
for cable ø 5.5 ... 10.5 mm [0.22 ... 0.41“]





suitable for:

versions with cable outlet

8.0000.5015.0001

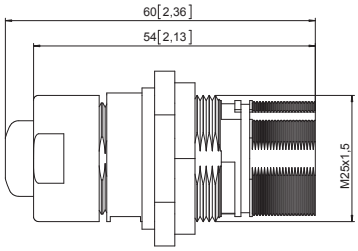
Male connector with external thread
pin assignment ccw
central fastening

Housing: metal, IP67



solder connections,
for cable ø 5.5 ... 10.5 mm [0.22 ... 0.41“]





suitable for:

versions with cable outlet

8.0000.5015.0000

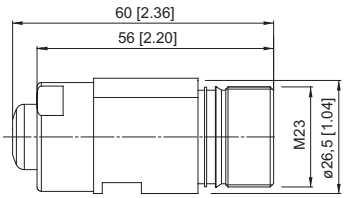
Female connector with coupling nut
pin socket assignment cw

Housing: metal, IP67



solder connections,
for cable ø 5.5 ... 10.5 mm [0.22 ... 0.41“]





suitable for:

5000 / 5020	580X / 582X
5814 / 5834	5814FSx / 5834FSx
F5863 / F5883	
585x / 587x	5853FSx /5873FSx
586x / 588x	5863FSx /5883FSx
9000	908x
A02x	

8.0000.5012.0000

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M23 connection technology | Connectors, self-assembly

12 pin

Order no.

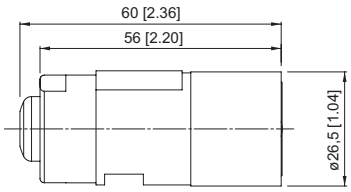
Female connector with coupling nut
pin socket assignment cw
(EX zone 2/22 on request)

Housing: metal, IP67



solder connections,
for cable ø 5.5 ... 10.5 mm [0.22 ... 0.41“]





suitable for:

5000 / 5020	580X / 582X
5814 / 5834	5814FSx / 5834FSx
F5863 / F5883	
585X / 587X	5853FSx /5873FSx
586X / 588X	5863FSx /5883FSx
9000	908X
A02X	

8.0000.5012.0000.Ex

17 pin

Order no.

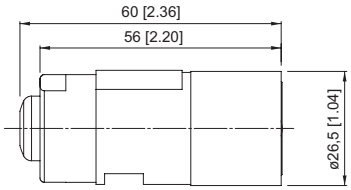
Female connector with coupling nut
pin socket assignment ccw

Housing: metal, IP67



solder connections,
for cable ø 5.5 ... 10.5 mm [0.22 ... 0.41“]





suitable for:

5850 / 5870
5852 / 5872

8.0000.5042.0000

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M23 connection technology | Cordsets, pre-assembled

With connector, 12 pin

Working temp. -30°C ... +80°C [-22°F ... +176°F] | Order no.

Female connector with coupling nut + single-ended

Cable: PVC, 6 x 2 x 0.14 mm² [AWG25]
Housing: metal, IP67

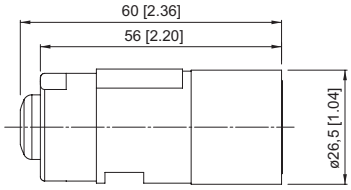
pin socket
assignment cw



suitable for our series with RS422 or SinCos output:

5000 / 5020 5803 / 5823
5804 / 5824 5805 / 5825
5814 / 5834 5814FSx / 5834FSx
A020 / A02H H120





Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8	9	10	11	12	PH [2]
Wire colour:	PK	RD-BU	BU	RD	GN	YE	–	GY	–	WH	GY-PK	BN	PH [2]

Cable length [1]

2 m [6.56']	**8.0000.6901.0002**
5 m [16.40']	**8.0000.6901.0005**
10 m [32.81']	**8.0000.6901.0010**
15 m [49.21']	**8.0000.6901.0015**

Female connector with coupling nut + single-ended

Cable: PUR, 10 x 0.14 mm² [AWG25] + 2 x 0.5 mm² [AWG20]
Housing: metal, IP67

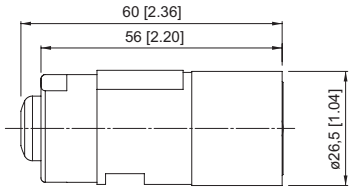
pin socket
assignment cw



suitable for our series with RS422 or SinCos output:

5000 / 5020 5803 / 5823
5804 / 5824 5805 / 5825
5814 / 5834 5814FSx / 5834FSx
A020 / A02H H120





Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8	9	10	11	12	PH [2]
Wire colour:	PK	BN	BU	RD	GN	YE	–	GY	–	WH 0.5 mm²	WH	BN 0.5 mm²	PH [2]

Cable length [1]

2 m [6.56']	**8.0000.6101.0002**
5 m [16.40']	**8.0000.6101.0005**
10 m [32.81']	**8.0000.6101.0010**
15 m [49.21']	**8.0000.6101.0015**

1) Other cable lengths on request.
2) Shield on housing.

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M23 connection technology | Cordsets, pre-assembled

With connector, 12 pin

Working temp. -30°C ... +80°C [-22°F ... +176°F]

Order no.

Female connector with coupling nut + single-ended

pin socket
assignment cw

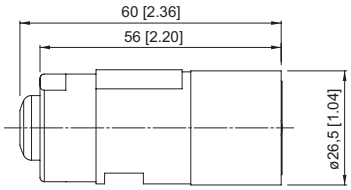
suitable for our series with SSI or analogue output:

5850 / 5870 F5863 / F5883
5853 / 5873 5853FSx / 5873FSx
5863 / 5883 5863FSx / 5883FSx
9081

Cable: PVC, 6 x 2 x 0.14 mm² [AWG25]
Housing: metal, IP67







Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8	9	10	11	12	PH [2]
Wire colour:	WH	BN	GN	YE	GY	PK	BU	RD	BK	VT	GY-PK	RD-BU	PH [2]

Cable length [1]	
2 m [6.56']	**8.0000.6901.0002.0031**
5 m [16.40']	**8.0000.6901.0005.0031**
10 m [32.81']	**8.0000.6901.0010.0031**
15 m [49.21']	**8.0000.6901.0015.0031**

1) Other cable lengths on request.
2) Shield on housing.

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M23 connection technology | Cordsets, pre-assembled

With connector, 12 pin

Working temp. -30°C ... +80°C [-22°F ... +176°F] | Order no.

Female connector with coupling nut + male connector with external thread

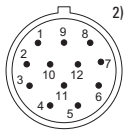
Cable: PVC, 6 x 2 x 0.14 mm² [AWG25]
Housing: metal, IP67



pin socket assignment cw

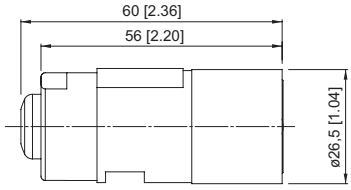


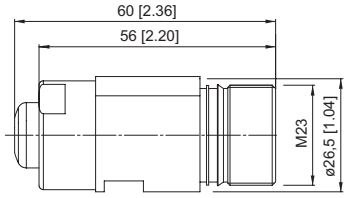
pin socket assignment ccw



suitable for our series:

5000 / 5020 5803 / 5823
5804 / 5824 5805 / 5825
5814 / 5834 5814FSx / 5834FSx
A020 / A02H H120





Cable length [1]	
2 m [6.56']	**8.0000.6905.0002**
5 m [16.40']	**8.0000.6905.0005**
10 m [32.81']	**8.0000.6905.0010**
15 m [49.21']	**8.0000.6905.0015**

Female connector with coupling nut + male connector with external thread

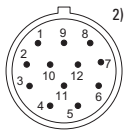
Cable: PVC, 6 x 2 x 0.14 mm² [AWG25]
Housing: metal, IP67



pin socket assignment cw

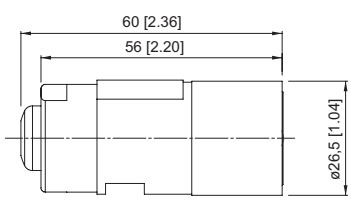


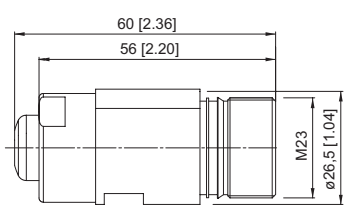
pin socket assignment ccw



suitable for our series with SSI output:

5850 / 5870 F5863 / F5883
5853 / 5873 5853FSx / 5873FSx
5863 / 5883 5863FSx / 5883FSx
9081





Cable length [1]	
2 m [6.56']	**8.0000.6905.0002.0032**
5 m [16.40']	**8.0000.6905.0005.0032**
10 m [32.81']	**8.0000.6905.0010.0032**
15 m [49.21']	**8.0000.6905.0015.0032**

1) Other cable lengths on request.
2) Shield on housing.

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M23 connection technology | Cordsets, pre-assembled

With connector, 17 pin

Working temp. -30°C ... +80°C [-22°F ... +176°F]

Order no.

Female connector with coupling nut + single-ended

Cable: PVC, 18 x 0.14 mm² [AWG25]
Housing: metal, IP67

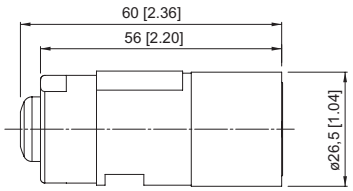


pin socket assignment ccw



suitable for our series:

5850 / 5870
5852 / 5872



Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Wire colour:	WH	BN	GN	YE	GY	PK	BU	RD	BK	VT	GY-PK	RD-BU	WH-GN	BN-GN	WH-YE	YE-BN	WH-GY

Cable length [1]	Order no.
2 m [6.56']	**8.0000.6741.0002**
5 m [16.40']	**8.0000.6741.0005**
10 m [32.81']	**8.0000.6741.0010**
15 m [49.21']	**8.0000.6741.0015**

1) Other cable lengths on request.

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