

stay connected

## M12 female receptacle 0° A-cod. rear

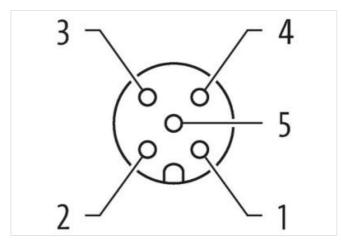
5-pol., PCB pin

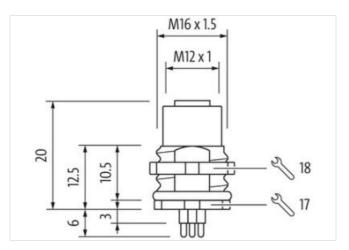
PCB connectors Female straight M12, 5-pole A-coded THT-solder connection Rear mounting

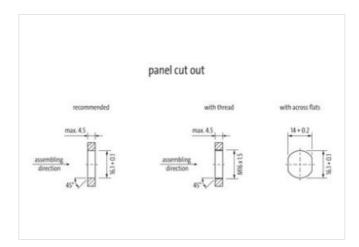
## **Link to Product**

## Illustration



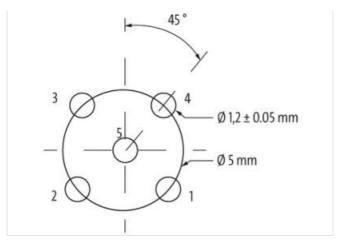








stay connected



Product may differ from Image







Coaling contact         gold plated           Family construction form         M12           Coding         A           Material contact         Copper alloy           No. of poles         5           Commercial data           ECLASS 6.0           ECLASS 6.1         27279220           ECLASS 6.1         2724920           ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 9.0         27440109           ECLASS 9.0         27440109           ECLASS 11.1         27440109           ECLASS 12.0         27440109           ETIM-5.0         ECO01855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Current operating per contact max.         4 A           Installation   Connection         THT-solder connection           Tightening torque         0.6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical         Inserte	Side 1	
Coding         A           Material contact         Copper alloy           No. of poles         5           Commercial data           ECLASS-6.0         27279220           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440109           ECLASS-9.0         27440109           ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DG         60 V           Current operating per contact max.         4 A           Installation   Connection           Connection information         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical      <	Coating contact	gold plated
Material contact         Copper alloy           No. of poles         5           Commercial data         ECLASS-6.0         27279220           ECLASS-6.1         27279220         ECLASS-7.0         27440103           ECLASS-8.0         27440103         ECLASS-8.0         ECLASS-9.0           ECLASS-9.0         27440109         ECLASS-10.1         27440109           ECLASS-11.1         27440109         ECLASS-12.0         27440109           ECLASS-12.0         27440109         ECLASS-12.0         ECO1865           customs tariff number         85366990         ECO1865           customs tariff number         85366990         ECO1865           GTIN         4048879914918         Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage AC         60 V           Current operating per contact max.         4 A           Installation   Connection         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical           Degree of protection   Electrical	Family construction form	M12
No. of poles   5	Coding	A
Commercial data	Material contact	Copper alloy
ECLASS-6.0 27279220  ECLASS-7.0 27440103  ECLASS-8.0 27440109  ECLASS-9.0 27440109  ECLASS-10.1 27440109  ECLASS-11.1 27440109  ECLASS-11.1 27440109  ECLASS-12.0 27440109  ETIM-5.0 ECO01855  customs tariff number 85366990  GTIN 404887914918  Packaging unit 10  Electrical data   Supply  Operating voltage AC 60 V  Operating voltage AC 60 V  Current operating per contact max. 4 A  Installation   Connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection   Electrical  Degree of protection   Electrical  Additional condition protection degree inserted, screwed	No. of poles	5
ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440109           ECLASS-9.0         27440109           ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Degree of protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed	Commercial data	
ECLASS-7.0         27440103           ECLASS-8.0         27440109           ECLASS-9.0         27440109           ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection         THT-solder connection           Tightening torque         0.6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed	ECLASS-6.0	27279220
ECLASS-8.0         27440103           ECLASS-9.0         27440109           ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection           Connection information         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical           Device protection   Electrical           Device protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed	ECLASS-6.1	27279220
ECLASS-9.0         27440109           ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection           Connection information         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical         Device protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed	ECLASS-7.0	27440103
ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical         IP67           Additional condition protection degree         inserted, screwed	ECLASS-8.0	27440103
ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection           Connection information         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed	ECLASS-9.0	27440109
ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection           Connection information         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed	ECLASS-10.1	27440109
ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914918           Packaging unit         10           Electrical data   Supply           Operating voltage AC         60 V           Operating voltage DC         60 V           Current operating per contact max.         4 A           Installation   Connection           Connection information         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Device protection   Electrical           Degree of protection   Electrical           Degree of protection protection degree         inserted, screwed	ECLASS-11.1	27440109
customs tariff number 85366990 GTIN 4048879914918 Packaging unit 10  Electrical data   Supply Operating voltage AC 60 V Operating voltage DC 60 V Current operating per contact max. 4 A  Installation   Connection  Connection information THT-solder connection Tightening torque 0,6 Nm Mounting set M12 x 1 Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	ECLASS-12.0	27440109
GTIN 4048879914918  Packaging unit 10  Electrical data   Supply  Operating voltage AC 60 V  Operating voltage DC 60 V  Current operating per contact max. 4 A  Installation   Connection  Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	ETIM-5.0	EC001855
Packaging unit 10  Electrical data   Supply  Operating voltage AC 60 V  Operating voltage DC 60 V  Current operating per contact max. 4 A  Installation   Connection  Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	customs tariff number	85366990
Electrical data   Supply  Operating voltage AC 60 V  Operating voltage DC 60 V  Current operating per contact max. 4 A  Installation   Connection  Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	GTIN	4048879914918
Operating voltage AC 60 V Operating voltage DC 60 V Current operating per contact max. 4 A  Installation   Connection  Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Packaging unit	10
Operating voltage DC 60 V  Current operating per contact max. 4 A  Installation   Connection  Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Electrical data   Supply	
Current operating per contact max. 4 A  Installation   Connection  Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Operating voltage AC	60 V
Installation   Connection  Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Operating voltage DC	60 V
Connection information THT-solder connection  Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Current operating per contact max.	4 A
Tightening torque 0,6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Installation   Connection	
Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Connection information	THT-solder connection
Width across flats  SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Tightening torque	0,6 Nm
Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed	Mounting set	M12 x 1
Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed	Width across flats	SW17
Additional condition protection degree inserted, screwed	Device protection   Electrical	
Additional condition protection degree	Degree of protection (EN IEC 60529)	IP67
Pollution Degree 3	Additional condition protection degree	inserted, screwed
	Pollution Degree	3

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-25



Insulation resistance min.	100 ΜΩ
Mechanical data   Material data	
Coating locking	nickel plated
Material housing	Copper alloy
Material contact carrier	PA66
Locking material	Copper alloy
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	85 °C
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.