

## M12 male receptacle 0° A-cod. rear

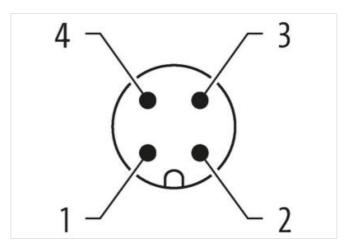
4-pol., PCB pin

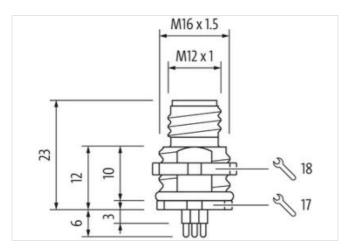
PCB connectors
Male straight
M12, 4-pole
A-coded
THT-solder connection
Rear mounting

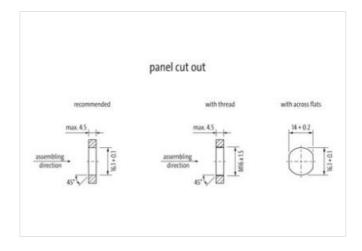
## **Link to Product**

## Illustration



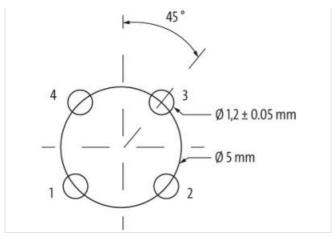








stay connected



Product may differ from Image







Material contact         Copper alloy           No. of poles         4           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           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage p CC         250 V           Current operating per contact max.         4 A           Installation   Connection         THT-solder connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1	Side 1	
Coding         A           Material contact         Copper alloy           No. of poles         4           Commercial date           ECLASS-6.0           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           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         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 V           Corrent 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           Device protection   Electrical         inserted, screwed  <	Coating contact	gold plated
Material contact         Copper alloy           No. of poles         4           Commercial data           ECLASS-6.0         27279220           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440109           ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         ECO01855           customs tariff number         85366990           GTIN         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 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   Electrical	Family construction form	M12
No. of poles 4  Commercial data  ECLASS-6.0 27279220  ECLASS-6.1 27279220  ECLASS-7.0 27440103  ECLASS-8.0 27440103  ECLASS-9.0 27440109  ECLASS-10.1 27440109  ETIM-5.0 EC001855  customs tariff number 85366990  GTIN 4048879914864  Packaging unit 10  Electrical data   Supply  Operating voltage AC 250 V  Operating voltage AC 250 V  Current operating per contact max. 4 A  Installation   Connection  Ensertical 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 (EN IEC 60529)   P67  Additional condition protection degree inserted, screwed	Coding	A
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-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage PC         250 V           Current operating per contact max.         4 A           Installation   Connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Degree of protection   Electrical           Degree of protection   Electrical         inserted, screwed	Material contact	Copper alloy
ECLASS-6.0         27279220           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440109           ECLASS-9.0         27440109           ECLASS-9.0.1         27440109           ECLASS-10.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         ECO01855           customs tariff number         85366990           GTIN         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 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 (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed	No. of poles	4
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         4048879914864           Packaging unit         0           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 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	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         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 V           Current operating per contact max.         4 A           Installation   Connection           Tightening torque         0,6 Nm           Mounting set         M12 x 1           Width across flats         SW17           Degree of protection   Electrical           Degree of protection   Electrical           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         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 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           Degree of 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         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 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-7.0	27440103
ECLASS-10.1         27440109           ECLASS-11.1         27440109           ECLASS-12.0         27440109           ETIM-5.0         EC001855           customs tariff number         85366990           GTIN         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 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         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         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage PC         250 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         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 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         4048879914864           Packaging unit         10           Electrical data   Supply           Operating voltage AC         250 V           Operating voltage DC         250 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         inserted, screwed	ECLASS-11.1	27440109
customs tariff number 85366990  GTIN 4048879914864  Packaging unit 10  Electrical data   Supply  Operating voltage AC 250 V  Operating voltage DC 250 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 4048879914864 Packaging unit 10  Electrical data   Supply Operating voltage AC 250 V Operating voltage DC 250 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	ETIM-5.0	EC001855
Packaging unit 10  Electrical data   Supply  Operating voltage AC 250 V  Operating voltage DC 250 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 250 V  Operating voltage DC 250 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	4048879914864
Operating voltage AC 250 V Operating voltage DC 250 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 250 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	250 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	250 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)  Additional condition protection degree  IP67  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



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.