

## M12 Power female 0° L-cod. IDC

5-pol., 0,75 - 1,5mm<sup>2</sup>, 5,8 - 13,5mm, shielded

Art.No.: 7000-P4421-0000000

Weight: 0.095

Country of origin: RO

Model designation: MSWBLL0-U

M12 (female) 5-pole, L-coded

Field-wireable **IDC** terminals 0.75...1.5 mm<sup>2</sup>

Sealing range (cable Ø)

5.8...13.5 mm

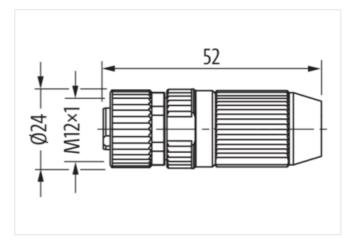
Plastic housings with good resistance against chemicals and oils.

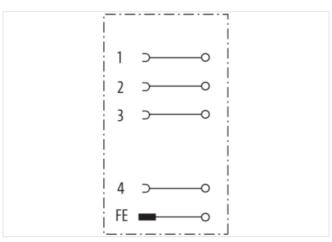
The resistance to aggressive media should be individually tested for your application. Further details on request.

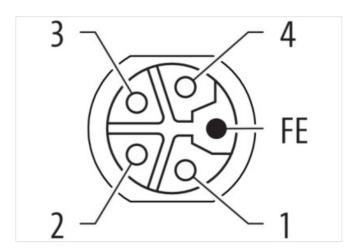
## **Link to Product**

## Illustration









Product may differ from Image





stay connected

Side 1         Family construction form         M12P           No. of polips         5           Coding         L           Gender         fomale           Mounting method         inserted, screwed           Gable outlet         straight           Marterial contact         Copper           Side 2           Wounting method           Commercial data           Wounting method           Commercial data           Wounting method           Onemercial data           Wounting method           One Method Methods           Wounting method           One Methods           Woun	Material short text	MCWDI I O I I
Family construction form M12P No. of poles 5 Coding L Gender Hende Mounting method insold, conword Cable outlet straight Mounting method format Corpore Sisio 2 Mounting method feld-wireable Commercial data  UPIL Webshop https://shop.murrelektronk.com/7000-P4421-0000000 GTIN 40-9879682638 CELASS-6.0 2779221 CELASS-7.0 27440102 CELASS-7.1 27440102 CELASS-8.0 27740102 CELASS-8.1 27440102 CELASS-8.1 27440102 CELASS-8.1 27440102 CELASS-8.1 27440102 CELASS-1.1 27440106 CELASS-1.2 27440106 CELASS-1.3 27440106 CELASS-1.3 27440106 CELASS-1.0 27440106 CELASS-1.0 EXPENSIVE CELASS-		MSWBLL0-U
No. of poles 5 Cooling L Gorder	Side 1	
Conding	Family construction form	
Gender Mounting method insented, screwed Cable outlet straight Material contact Copper  Material contact  Commercial data  URL Webshop https://screwed.com/r000.P4421-0000000  GTIN 4048875662588  EGLASS-6.0 27279221  EGLASS-7.1 272401002  EGLASS-7.1 27440102  EGLASS-7.1 27440102  EGLASS-8.0 27440102  EGLASS-8.0 27440102  EGLASS-8.1 27440102  EGLASS-8.1 27440102  EGLASS-8.1 27440102  EGLASS-8.1 27440102  EGLASS-8.0 27440106  EGLASS-8.1 27440106  EGLASS-1.1 27440106  EG	No. of poles	5
Mounting method         inserted, screwed           Cable outlet         straight           Makerial contact         Copper           Side 2         Commercial data           URL Webshop         https://shop.murrelektronik.com/7000-P4421-0000000           GTIN         4048879682558           ECLASS 6.0         2/279221           ECLASS 6.1         27260702           ECLASS 7.0         27440102           ECLASS 7.1         27440102           ECLASS 8.0         27440102           ECLASS 8.0         27440102           ECLASS 8.0         27440106           ECLASS 9.0         27440106           ECLASS 9.0         27440106           ECLASS 9.1.1         27440106           ECLASS 9.1.2         27440106           ECLASS 9.1.3         27440106           ECLASS 9.1.4         27440106           ECLASS 9.1.5         27440106           ECLASS 9.1.6         27440106           ECLASS 9.1.6         27440106           ECLASS 9.1.6         27440106           ECLASS 9.1.7         27440106           ECLASS 9.1.8         27440106           ECLASS 9.1.9         27440106           ECLASS 9.1.0	Coding	L
Capie outlet	Gender	female
Material contact   Copper	Mounting method	inserted, screwed
Side 2	Cable outlet	straight
Mounting method field wireable  Commercial data  JRL Webshop https://shop.murrelektronik.com/7000-P4421-0000000 GTIN 4048879882558  ECLASS 6.0 27278221  ECLASS 6.1 27269702  ECLASS 7.0 27440102  ECLASS 7.0 27440102  ECLASS 8.0 27440102  ECLASS 8.0 27440102  ECLASS 8.1 27440102  ECLASS 8.1 27440102  ECLASS 8.1 27440106  ECLASS 9.0 2744016  ECLASS 9.0 2744016  ECLASS 9.1 27440106  ECLASS 1.1 2740106  ECLASS	Material contact	Copper
Commercial data         Commercial data           URL Webshop         https://shop.murrelektronik.com/7000-P4421-0000000           TIN         4048879682558           ECLASS-6.0         27279221           ECLASS-6.1         27260702           ECLASS-7.0         27440102           ECLASS-7.1         27440102           ECLASS-8.0         27440102           ECLASS-8.1         27440102           ECLASS-9.0         2744016           ECLASS-9.1         27440106           ECLASS-9.1         27440106           ECLASS-10.1         27440106           ECLASS-11.1         27440102           ECLASS-11.2         27440106           ECLASS-12.0         2744016           ECLASS-13.0         2744016           ECLASS-14.0         2744016           ECLASS-14.0         2744016           ECLASS-14.0         2744016           ETIM-5.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           Courser Lor	Side 2	
URL Webshop	Mounting method	field-wireable
GTIN 4048879682558  ECLASS-6.0 27279221  ECLASS-7.0 27440102  ECLASS-7.1 27440102  ECLASS-8.1 27440102  ECLASS-8.1 27440102  ECLASS-8.1 27440102  ECLASS-8.1 27440102  ECLASS-9.0 2744016  ECLASS-9.0 2744016  ECLASS-9.0 2744016  ECLASS-1.1 27440106  ECLASS-1.0 27	Commercial data	
GTIN 4048879682558  ECLASS-6.0 27279221  ECLASS-7.0 27440102  ECLASS-7.1 27440102  ECLASS-8.1 27440102  ECLASS-8.1 27440102  ECLASS-8.1 27440102  ECLASS-8.1 27440102  ECLASS-9.0 2744016  ECLASS-9.0 2744016  ECLASS-9.0 2744016  ECLASS-1.1 27440106  ECLASS-1.0 27	URL Webshop	https://shop.murrelektronik.com/7000-P4421-0000000
ECLASS-6.1 27260702 ECLASS-7.0 27440102 ECLASS-8.0 27440102 ECLASS-8.1 27440102 ECLASS-8.1 27440106 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-10.1 27440106 ECLASS-10.1 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.1 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-12.0 27440106 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-15.0 27440106 ECLASS-16.0 2740106 EC	GTIN	
ECLASS-6.1 27260702 ECLASS-7.0 27440102 ECLASS-8.0 27440102 ECLASS-8.1 27440102 ECLASS-8.1 27440106 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-10.1 27440106 ECLASS-10.1 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.1 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-12.0 27440106 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-15.0 27440106 ECLASS-16.0 2740106 EC	ECLASS-6.0	27279221
ECLASS-7.0 27440102 ECLASS-7.1 27440102 ECLASS-8.1 27440102 ECLASS-8.0 27440102 ECLASS-8.0 27440102 ECLASS-9.0 2744016 ECLASS-9.0 2744016 ECLASS-9.1 27440166 ECLASS-1.1 27440106 ECLASS-1.1 27440106 ECLASS-1.1 27440106 ECLASS-1.1 27440102 ECLASS-1.1 27440102 ECLASS-1.1 27440106 ECLASS-1.1 27440106 ECLASS-1.1 27440106 ECLASS-1.0 27440116 ECLASS-1.0 27440106 ETIM-5.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC001	ECLASS-6.1	
ECLASS-7.1 27440102 ECLASS-8.0 27440102 ECLASS-9.0 27440116 ECLASS-9.0 27440116 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-10.1 27440106 ECLASS-11.0 27440106 ECLASS-11.1 27440102 ECLASS-11.0 27440106 ECLASS-11.1 27440102 ECLASS-11.1 27440102 ECLASS-11.1 27440102 ECLASS-12.0 27440116 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 UCON1855 ETIM-8.0 UCON1855 ETIM-9.0 UCON1855	ECLASS-7.0	
ECLASS-8.0 27440102 ECLASS-8.1 27440102 ECLASS-9.0 27440116 ECLASS-9.1 27440106 ECLASS-9.1 27440106 ECLASS-10.1 27440106 ECLASS-11.0 27440102 ECLASS-11.0 27440102 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.1 27440102 ECLASS-12.0 27440116 ECLASS-12.0 27440106 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 127440106 ECLASS-15.0 EC001855 ETIM-5.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC00		
ECLASS-8.1 27440102 ECLASS-9.0 27440116 ECLASS-9.0 27440106 ECLASS-9.1 27440106 ECLASS-10.1 27440106 ECLASS-10.1 27440102 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-12.0 27440116 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 EC001855 ETIM-5.0 EC001855 ETIM-5.0 EC001855 ETIM-5.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC001855 ETIM		
ECLASS-9.0 27440116 ECLASS-9.1 27440106 ECLASS-10.1 27440106 ECLASS-10.1 27440106 ECLASS-11.0 27440106 ECLASS-11.0 27440106 ECLASS-11.1 27440102 ECLASS-11.1 27440102 ECLASS-13.0 27440106 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 ECO01855 ETIM-5.0 ECO01855 ETIM-5.0 ECO01855 ETIM-8.0 ECO01855 ETIM-9.0 EC		
ECLASS-9.1 27440106 ECLASS-10.0.1 27440106 ECLASS-11.0 27440102 ECLASS-11.1 27440102 ECLASS-11.1 27440102 ECLASS-11.1 27440102 ECLASS-12.0 27440116 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC001		
ECLASS-10.1 27440106 ECLASS-10.1 27440102 ECLASS-11.0 27440108 ECLASS-11.1 27440102 ECLASS-12.0 27440106 ECLASS-12.0 27440106 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 ECO1855 ETIM-5.0 ECO1855 ETIM-6.0 ECO1855 ETIM-7.0 ECO1855 ETIM-7.0 ECO1855 ETIM-8.0 ECO1855 ETIM-9.0 ECO1855 E		
ECLASS-10.1 27440102 ECLASS-11.0 27440106 ECLASS-11.1 27440102 ECLASS-12.0 27440106 ECLASS-13.0 27440106 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 ECO01855 ETIM-5.0 ECO01855 ETIM-6.0 ECO01855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC00185 ETIM-9.0 EC001855 ETIM-9.0 EC001855 ETIM-9.0 EC001855 ETIM-9.		
ECLASS-11.0 27440106 ECLASS-12.0 27440116 ECLASS-12.0 27440116 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 27440106 ETIM-5.0 EC01855 ETIM-5.0 EC01855 ETIM-6.0 EC01855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 EXIM-8.0 EC00185 EXIM-		
ECLASS-11.1 27440102 ECLASS-12.0 27440116 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ECLASS-14.0 ECONI855 ETIM-5.0 ECONI855 ETIM-6.0 ECONI855 ETIM-7.0 ECONI855 ETIM-7.0 ECONI855 ETIM-7.0 ECONI855 ETIM-8.0 ECONI855 ETIM-8.0 ECONI855 EXIM-9.0 ECONI85 EXIM		
ECLASS-12.0 27440116 ECLASS-13.0 27440106 ECLASS-14.0 27440106 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 A048879682558 ETIM-8.0 A048879682558 Packaging unit 1  Electrical data   Supply Operating voltage DC max. 63 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation Connection cross section max. 1.5 mm² Installation   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, IP65		
ECLASS-13.0 27440106  ECLASS-14.0 27440106  ETIM-5.0 EC001855  ETIM-6.0 EC001855  ETIM-7.0 EC001855  ETIM-8.0 EC001855  customs tariff number 85366990  EAN 4048879682558  Packaging unit 1  Electrical data   Supply  Operating voltage DC max. 63 V  Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation  Connection cross section max. 1.5 mm²  Installation   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, IP65		
ECLASS-14.0 27440106  ETIM-5.0 EC001855  ETIM-6.0 EC001855  ETIM-7.0 EC001855  ETIM-8.0 EC001855  ETIM-8.0 EC001855  EXAMPLE ADMINISTRATION AND AND AND AND AND AND AND AND AND AN		
ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 customs tariff number 85366990 EAN 4048879682558 Packaging unit 1  Electrical data   Supply Operating voltage DC max. 63 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation Connection cross section max. 1.5 mm² Installation   Connection Tightening torque 0.6 Nm Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection   Electrical		
ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 customs tariff number 85366990 EAN 4048879682558 Packaging unit 1  Electrical data   Supply Operating voltage DC max. 63 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation Connection cross section max. 1.5 mm² Installation   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, IP65		
ETIM-7.0 EC001855  ETIM-8.0 EC001855  customs tariff number 85366990  EAN 4048879682558  Packaging unit 1  Electrical data   Supply  Operating voltage DC max. 63 V  Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation  Connection cross section max. 1.5 mm²  Installation   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, IP65		
ETIM-8.0 EC001855 customs tariff number 85366990  EAN 4048879682558 Packaging unit 1  Electrical data   Supply Operating voltage DC max. 63 V  Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation Connection cross section max. 1.5 mm²  Installation   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, IP65		
customs tariff number 85366990  EAN 4048879682558  Packaging unit 1  Electrical data   Supply  Operating voltage DC max. 63 V  Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation  Connection cross section max. 1.5 mm²  Installation   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, IP65		
EAN 4048879682558 Packaging unit 1  Electrical data   Supply Operating voltage DC max. 63 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation Connection cross section max. 1.5 mm² Installation   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, IP65		
Packaging unit  Electrical data   Supply  Operating voltage DC max. 63 V  Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation  Connection cross section max. 1.5 mm²  Installation   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, IP65		
Electrical data   Supply Operating voltage DC max. 63 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation Connection cross section max. 1.5 mm² Installation   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, IP65		
Operating voltage DC max. 63 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation Connection cross section max. 1.5 mm² Installation   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, IP65		•
Current operating per contact max.  Diagnostics  Status indication LED no  Installation  Connection cross section max.  1.5 mm²  Installation   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, IP65		
Status indication LED no  Installation  Connection cross section max. 1.5 mm²  Installation   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, IP65		
Status indication LED no  Installation  Connection cross section max. 1.5 mm²  Installation   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, IP65		12 A
Installation  Connection cross section max. 1.5 mm²  Installation   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, IP65		
Connection cross section max.  Installation   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, IP65	Status indication LED	no
Installation   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, IP65	Installation	
Tightening torque 0.6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67, IP65	Connection cross section max.	1.5 mm²
Tightening torque 0.6 Nm  Mounting set M12 x 1  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67, IP65	Installation   Connection	
Mounting set M12 x 1 Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67, IP65	Tightening torque	0.6 Nm
Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67, IP65	Mounting set	
Device protection   Electrical  Degree of protection (EN IEC 60529) IP67, IP65	Width across flats	
Degree of protection (EN IEC 60529)  IP67, IP65		
Address I and the control of the con		IP67 IP65
inserted, screwed		
	Acceptational condition protection degree	insertea, screwed



Pollution Degree	3
Rated surge voltage	1.5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Material housing	Zinc die-casting
Coating housing	Nickeled
Material contact carrier	PA
Coating contact	gold plated
Mechanical data   Mounting data	
Height	53 mm
Width	25 mm
Depth	25 mm
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	5.8 mm
Clamping range max.	13.5 mm
Environmental characteristics   Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	85 °C
Important installation notes	
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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	IEC 61076-2-111