

FLANGE CONNECTORS READY FOR ANYTHING

- Molded PP wires
- Anti-twist protection ensures convenient assembly
- Front and rear mounting

COMPREHENSIVE RANGE TO CUSTOMER NEEDS

Murrelektronik has a wide range of M12 flange plug connectors and offers solutions for all kinds of applications. A special characteristic of Murrelektronik's flange connectors is the molded polypropylene wires in the metal housing. Short-circuits can be avoided with this protection. An integrated over-rotation protection makes assembly easy.

Don't see what you needed? Visit onlineshop.murrelektronik.com for other styles including V4A Stainless Steel for Food & Beverage applications.

M8



- Male/female**
- 3-pole
 - 4-pole

Page 3.4.1

M12



- Male/female**
- 4-pole
 - 5-pole
 - 8-pole

Page 3.4.2



- Control Cabinet Entry System**
- Male/female**
- 5-pole
 - 5-pole, B-coded (for Profibus/Interbus)
 - 6-pole (for Cube67)
 - 8-pole

Page 3.4.5

7/8"



- Male/female**
- 4-pole
 - 5-pole

Page 3.4.4

FLANGE CONNECTORS

With multi-strand wire

– M8

Male



Female



1 Form	08551	08561	08571	08581
Type	3-pole	4-pole	3-pole	4-pole
Circuit diagram				
Contact layout	Male 	Male 	Female 	Female
2 Wires				
TPE-S	970	971	970	971
Hexagonal nut M8 × 0.5	7000-08591-0000000			
Technical Data				
Operating voltage	max. 30 V AC/DC	max. 60 V AC/DC	max. 30 V AC/DC	max. 60 V AC/DC
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)			
Temperature range	-25...+85 °C			
Article No.				
The composition of your article number is explained on page 3.1.i	7 0 0 0 - - - - -		0 0 2 0	
	1 Form		2 Wires	
Notes	Other versions on request.			

Flange Connectors

FLANGE CONNECTORS

With multi-strand wire

- M12

Male



Flange Connectors

1 Form	13501	13521	17161
Type	4-pole	5-pole	8-pole
Circuit diagram			
Contact layout	<p>Male</p>	<p>Male</p>	<p>Male</p>
2 Wires			
Wire diameter 0.34 mm ²	multi-colored	multi-colored	multi-colored
TPE-S	971	972	
Wire diameter 0.25 mm ²			
TPE-S			973
Hexagonal nut M16 × 1.5	7000-13581-0000000		
3 Wires Length			
0.2 m	0020		
0.5 m	0050		
1.0 m	0100		
Technical Data			
Operating voltage	max. 250 V AC/DC	max. 125 V AC/DC	max. 60 V AC/DC
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)		
Temperature range	-25...+85 °C		
Article No.			
The composition of your article number is explained on page 3.1.i	<div style="display: flex; justify-content: space-around; align-items: center;"> 7 0 0 0 - - </div>		
	1 Form	2 Wires	3 Wires Length
Notes	Other versions on request.		

FLANGE CONNECTORS

With multi-strand wire

Female

– M12



1 Form	13541	13561	17181
Type	4-pole	5-pole	8-pole
Circuit diagram	<p>1 — brown (+) 2 — white (N/C) 4 — black (N/O) 3 — blue (-)</p>	<p>1 — brown (+) 2 — white (N/C) 4 — black (N/O) 3 — blue (-) 5 — gray</p>	<p>1 — white 2 — brown 3 — green 4 — yellow 5 — gray 6 — pink 7 — blue 8 — red</p>
Contact layout	Female 	Female 	Female
2 Wires			
Wire diameter 0.34 mm ²	multi-colored	multi-colored	multi-colored
TPE-S	971	972	
Wire diameter 0.25 mm ²			
TPE-S			973
Hexagonal nut M16 × 1.5	7000-13581-0000000		
3 Wires Length			
0.2 m	0020		
0.5 m	0050		
1.0 m	0100		
Technical Data			
Operating voltage	max. 250 V AC/DC	max. 125 V AC/DC	max. 60 V AC/DC
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)		
Temperature range	-25...+85 °C		
Article No.			
The composition of your article number is explained on page 3.1.i	<div style="display: flex; justify-content: space-around; align-items: center;"> 7 0 0 0 - - </div>		
	1 Form	2 Wires	3 Wires Length
Notes	Other versions on request.		

FLANGE CONNECTORS

With multi-strand wire

- 7/8"

Male



Female



1 Form

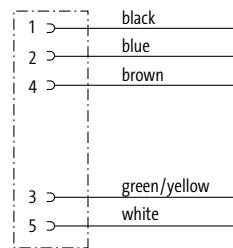
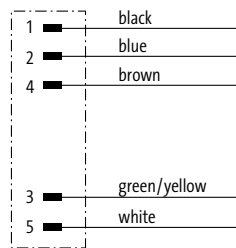
78341

78381

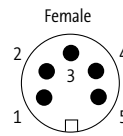
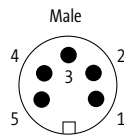
Type
Circuit diagram

5-pole

5-pole



Contact layout



2 Wires

TPE-O **978**

978

Hexagonal nut PG 13.5 **7000-78391-0000000**

3 Wires Length

0.2 m **0020**
0.5 m **0050**
1.0 m **0100**

Technical Data

Operating voltage max. 250 V AC/DC
Protection IP65 and IP67 when plugged and screwed down (EN 60529)
Temperature range -25...+85 °C

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - -

1 Form

2 Wires

3 Wires Length

Notes

Other versions on request.

Flange Connectors

FLANGE CONNECTORS

Control cabinet entry system

Male/Female

– M12 - M12



1 Form	42111	44111	46111	48111
Type	5-pole, shielded	5-pole, shielded, B-coded	6-pole, shielded	8-pole, shielded
Circuit diagram				
Contact layout	<p>Male Female</p>	<p>Male Female</p>	<p>Male Female</p>	<p>Male Female</p>
Technical Data	max. 24 V AC/DC		max. 30 V AC/DC	max. 24 V AC/DC
Operating current per contact	max. 4 A			max. 1.5 A
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)			
Temperature range	-25...+85 °C			
Article No.				
The composition of your article number is explained on page 3.1.i	<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
	1 Form			
Notes	Other versions on request.			