

# M12 POWER

## AUTOMATION TECHNOLOGY

Voltage & Power Supply

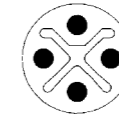




# Summary



## M12-S



### 814 Series

- Connectors with M12 x 1 screw locking
- 630 V AC up to 16 A
- 2+PE / 3+PE
- Connectors moulded on cable

- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>
- Degree of protection IP67
- Field wireable
- Screw clamp connection
- Panel mount connectors



## M12-K



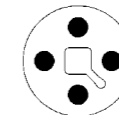
### 824 Series

- Connectors with M12 x 1 screw locking
- 630 V AC / 12 A
- 4+PE
- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>

- Degree of protection IP67
- Field wireable
- Screw clamp connection
- Panel mount connectors



## M12-T



### 813 Series

- Connectors with M12 x 1 screw locking
- 63 V DC / 12 A
- 4 contacts
- Connectors moulded on cable

- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>
- Degree of protection IP67
- Field wireable
- Screw clamp connection
- Panel mount connectors



## M12-L



### 823 Series

- Connectors with M12 x 1 screw locking
- 63 V DC up to 16 A
- 4+FE
- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>

- Degree of protection IP67
- Field wireable
- Screw clamp connection
- Panel mount connectors

## M12

Automation Technology  
S-Coding

## Cable / Panel Mount Connectors

- Screw locking according to DIN EN 61076-2-111
- Cable assembly possible
- Moulded versions
- 2+PE / 3+PE
- 630 V AC up to 16 A
- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>
- Degree of protection IP67
- Screw clamp connection
- Angled connector adjustable in 4 positions
- Easy assembly
- Single wires
- Various variants



## M12 S-Coding For Voltage &amp; Power Supply AC 630 V

## Automation Technology 814 series

## Male cable connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
2+PE	max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–10 mm	99 0685 19 03
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	6–8 mm	99 0689 32 04
		8–10 mm	99 0689 19 04



## Male angled connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
2+PE	max. 2,5 mm <sup>2</sup> (max. AWG 14)	6–8 mm	99 0685 48 03
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	8–10 mm	99 0689 58 04



## Female cable connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
2+PE	max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–10 mm	99 0686 19 03
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	6–8 mm	99 0690 32 04
		8–10 mm	99 0690 19 04



## Female angled connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
2+PE	max. 2,5 mm <sup>2</sup> (max. AWG 14)	6–8 mm	99 0686 48 03
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	8–10 mm	99 0690 58 04



## Male cable connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
2+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0689 0000 50703-0200
		5 m	77 0689 0000 50703-0500
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0689 0000 50704-0200
		5 m	77 0689 0000 50704-0500



## Male angled connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0687 0000 50704-0200
		5 m	77 0687 0000 50704-0500



## Female cable connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
2+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0690 0000 50703-0200
		5 m	77 0690 0000 50703-0500
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0690 0000 50704-0200
		5 m	77 0690 0000 50704-0500



## Female angled connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
3+PE	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0694 0000 50704-0200
		5 m	77 0694 0000 50704-0500



Male panel mount connector, screw clamp connection, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	99 0693 500 04



Male panel mount connector, front fastened, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0691 121 04



Male panel mount connector with single wires, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0691 300 04



Male panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0691 642 04



Male panel mount connector, front fastened, with single wires, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0691 320 04



Male panel mount connector, rectangular flange, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	—	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0691 070 04



Male panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
2+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0687 700 03
3+PE			09 0691 700 04



Female panel mount connector, screw clamp connection, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	99 0694 500 04



Female panel mount connector, front fastened, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0692 121 04



Female panel mount connector with single wires, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0692 300 04



Female panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0692 642 04



Female panel mount connector, front fastened, with single wires, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0692 320 04



Female panel mount connector, rectangular flange, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	—	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0692 070 04



Female panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
2+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0688 700 03
3+PE			09 0692 700 04





# M12

## Automation Technology K-Coding

### Cable / Panel Mount Connectors

- Screw locking according to DIN EN 61076-2-111
- Cable assembly possible
- 4+PE
- 630 V AC / 12 A
- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>
- Degree of protection IP67
- Screw clamp connection
- Angled connector adjustable in 72° positions
- Easy assembly
- Single wires
- Various variants



### Male cable connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+PE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0699 29 05



### Male angled connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+PE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0699 58 05



### Female cable connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+PE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0700 29 05



### Female angled connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+PE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0700 58 05



### Male panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+PE	M16 x 1,5	AWG 16	09 0701 700 05
		AWG 14	09 0701 400 05



### Male panel mount connector, front fastened, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+PE	M16 x 1,5	AWG 16	09 0701 300 05
		AWG 14	09 0701 800 05



### Female panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+PE	M16 x 1,5	AWG 16	09 0702 700 05
		AWG 14	09 0702 400 05



### Female panel mount connector, front fastened, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+PE	M16 x 1,5	AWG 16	09 0702 300 05
		AWG 14	09 0702 800 05

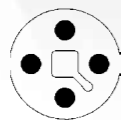


## M12

Automation Technology  
T-Coding

## Cable / Panel Mount Connectors

- Screw locking according to DIN EN 61076-2-111
- Cable assembly possible
- Moulded versions
- 4 contacts
- 63 V DC / 12 A
- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>
- Degree of protection IP67
- Screw clamp connection
- Angled connector adjustable in 4 positions
- Easy assembly
- Dip solder connection / Single wires
- Various variants



## M12 T-Coding

For Voltage &amp; Power Supply DC 63 V

Automation Technology 813 series

## Male cable connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	6–8 mm	99 0629 32 04
		8–10 mm	99 0629 19 04



## Female cable connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	6–8 mm	99 0630 32 04
		8–10 mm	99 0630 19 04



## Male angled connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	8–10 mm	99 0629 58 04



## Female angled connector

Contacts	Wire gauge	Cable outlet	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	8–10 mm	99 0630 58 04



## Male cable connector, iris type spring, shieldable

Contacts	Wire gauge	Cable outlet	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	5–8 mm	99 1631 814 04
		8–9 mm	99 1631 812 04



## Female cable connector, iris type spring, shieldable

Contacts	Wire gauge	Cable outlet	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	5–8 mm	99 1632 814 04
		8–9 mm	99 1632 812 04



Male cable connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0629 0000 50704-0200
		5 m	77 0629 0000 50704-0500



Male angled connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0627 0000 50704-0200
		5 m	77 0627 0000 50704-0500



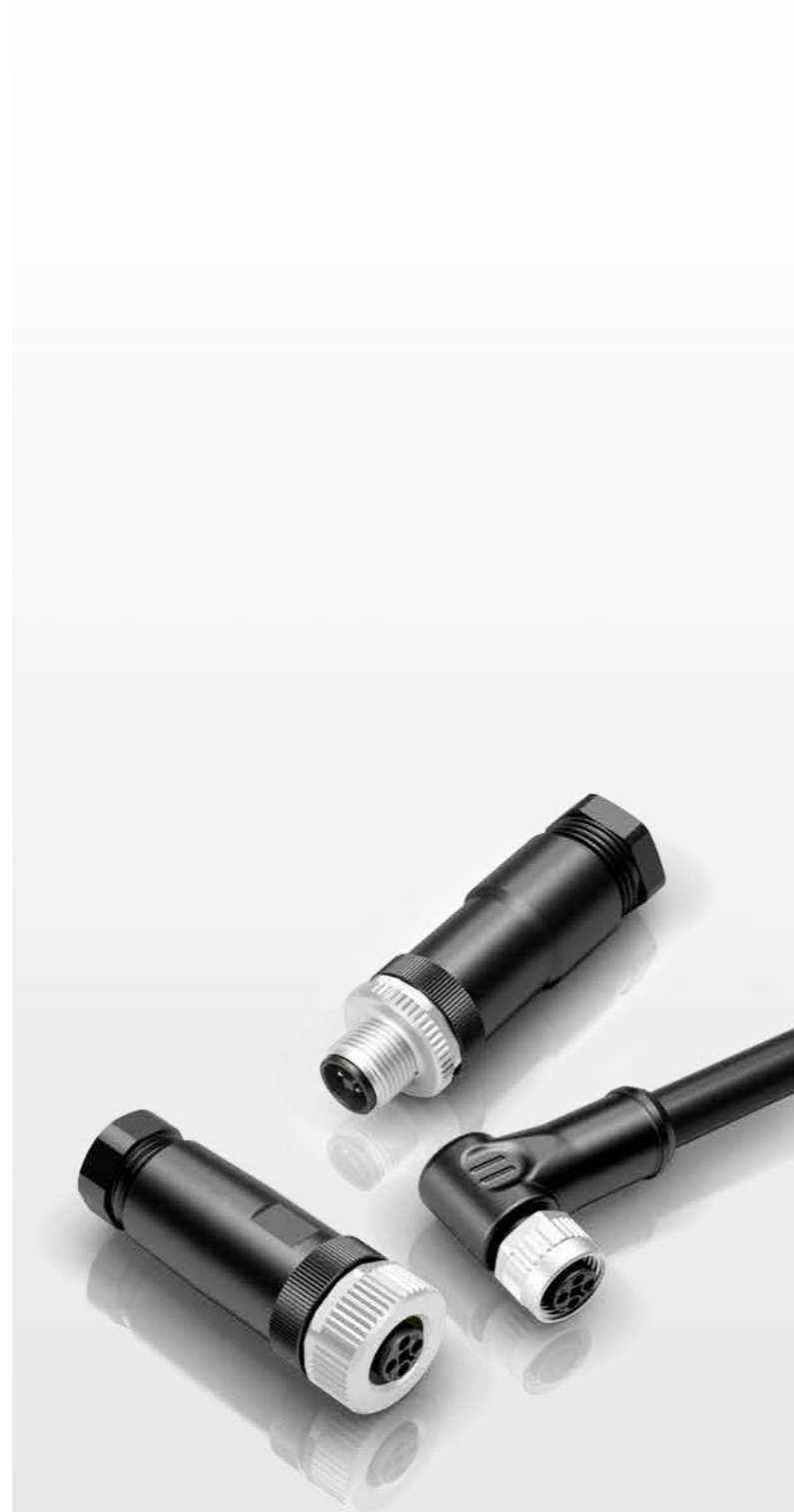
Female cable connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0630 0000 50704-0200
		5 m	77 0630 0000 50704-0500



Female angled connector, moulded, PUR

Contacts	Wire gauge	Cable length	Ordering-No.
4	max. 1,5 mm <sup>2</sup> (max. AWG 16)	2 m	77 0634 0000 50704-0200
		5 m	77 0634 0000 50704-0500



Male panel mount connector, screw clamp connection, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	99 0633 500 04



Male panel mount connector, front fastened, dip solder, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0631 90 04



Male panel mount connector with single wires, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0631 300 04



Male panel mount connector, front fastened, with single wires, plastic housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0631 320 04



Male panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0631 700 04



Male panel mount connector, front fastened, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0631 120 04



Male panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0631 642 04



Male panel mount connector, rectangular flange, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	—	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0631 070 04



**Female panel mount connector, screw clamp connection, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	99 0634 500 04



**Female panel mount connector with single wires, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0632 700 04



**Female panel mount connector, front fastened, dip solder, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0632 90 04



**Female panel mount connector, front fastened, with single wires, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0632 120 04



**Female panel mount connector with single wires, plastic housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0632 300 04



**Female panel mount connector with single wires, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
3+PE	M20 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0632 642 04



**Female panel mount connector, front fastened, with single wires, plastic housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	M16 x 1,5	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0632 321 04



**Female panel mount connector, rectangular flange, with single wires, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4	—	max. 1,5 mm <sup>2</sup> (max. AWG 16)	09 0632 070 04







# M12

## Automation Technology L-Coding

### Cable / Panel Mount Connectors

- Screw locking according to DIN EN 61076-2-111
- Cable assembly possible
- 4+FE
- 63 V DC up to 16 A
- Wire gauge 1,5 mm<sup>2</sup> / 2,5 mm<sup>2</sup>
- Degree of protection IP67
- Screw clamp connection
- Angled connector adjustable in 72° positions
- Easy assembly
- Single wires
- Various variants



## M12 L-Coding

For Voltage & Power Supply DC 63 V

Automation Technology 823 Series

### Male cable connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+FE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0639 29 05



### Male angled connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+FE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0639 58 05



### Female cable connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+FE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0640 29 05



### Female angled connector, screw clamp connection

Contacts	Wire gauge	Cable outlet	Ordering-No.
4+FE	with ferrule max. 1,5 mm <sup>2</sup> (max. AWG 16) without ferrule max. 2,5 mm <sup>2</sup> (max. AWG 14)	8–13 mm	99 0640 58 05



### Male panel mount connector with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	AWG 16	09 0641 700 05
		AWG 14	09 0641 400 05



### Male panel mount connector, front fastened, with single wires, metal housing

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	AWG 14	09 0641 800 05



### Male panel mount connector, dip solder, two-part design

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	—	99 0641 20 05



### Male panel mount connector, front fastened, dip solder, two-part design

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	—	99 0641 10 05



**Female panel mount connector with single wires, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	AWG 16	09 0642 700 05
		AWG 14	09 0642 400 05



**Female panel mount connector, front fastened, with single wires, metal housing**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	AWG 14	09 0642 800 05



**Female panel mount connector, dip solder, two-part design**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	—	99 0642 20 05



**Female panel mount connector, front fastened, dip solder, two-part design**

Contacts	Fixing thread	Wire gauge	Ordering-No.
4+FE	M16 x 1,5	—	99 0642 10 05



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