



THE MQ12 SYSTEM THE CLEVER SOLUTION

- Effective quick connection system
- Saves installation time – up to 80%
- Plug in, ¼ turn – done!

COMPATIBLE, QUICK AND SAFE

Simply clever – it's our quick connection system that doesn't require any changes on the sensor side. MQ12 is completely compatible and interchangeable with all standard systems.

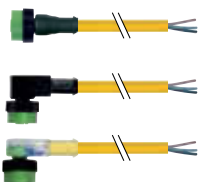
More features:

- Fits on all existing sensor and distributor systems
- High resistance to shock and vibration
- IP67 sealed



Murrelektronik's Efficient
Quick Connection System

With Open Ended Wires



MQ12 female

- Straight
- 90°
- 90° with LED

Page 3.5.1

Connection Cables



MQ12 male

- Straight

MQ12 female

- Straight
- 90°
- 90° with LED

Page 3.5.3

Field-Wireable



Insulation displacement technology

MQ12 male/female

- Straight

Page 3.5.5

MQ12 ROUND PLUG CONNECTORS

Open ended wires

– M12

Approvals: 

Female
straight



Female
90°



1 Form		12221		12341	
Type		4-pole		4-pole	
Circuit diagram		<div><div><div><div>1</div><div>2</div><div>4</div></div><div><div>3</div></div></div><div><div><div>brown (+)</div><div>white (N/C)</div><div>black (N/O)</div></div><div><div>blue (-)</div></div></div></div>			
Contact layout		<div>Female</div> <div><div><div>3</div><div>2</div></div><div><div>5</div><div>4</div><div>1</div></div></div>			
2 Cable Type		Jacket Color		Jacket Color	
Wire diameter 0.34 mm²		yellow	black	yellow	black
PVC (UL/CSA)		014	614	014	614
PUR (UL/CSA)		034	634	034	634
3 Cable Length					
1.5 m		0150			
3.0 m		0300			
5.0 m		0500			
7.5 m		0750			
10.0 m		1000			
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, depending on cable quality			
Article No.					
The composition of your article number is explained on page 3.1.i		<div><div><div><div>7</div><div>0</div><div>5</div><div>0</div></div><div>-</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div><div>-</div><div><div><div></div><div></div><div></div><div></div></div></div></div></div>			
		1 Form		2 Cable Type	
				3 Cable Length	
Notes		Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.			

MQ12 ROUND PLUG CONNECTORS

Open ended wires

– M12

Approvals:  

Female

90° with LED



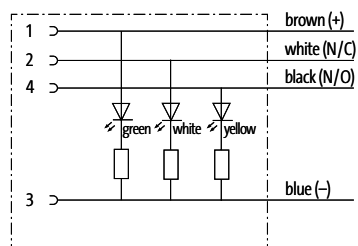
1 Form

1 2 4 2 1

Type

4-pole with 3 × LED (PNP)

Circuit diagram



Contact layout

Female



2 Cable Type

Jacket Color

Wire diameter 0.34 mm²

PVC (UL/CSA)

PUR (UL/CSA)

yellow

black

014

614

034

634

3 Cable Length

1.5 m

0150

3.0 m

0300

5.0 m

0500

7.5 m

0750

10.0 m

1000

Technical Data

Operating voltage

24 V DC ±25 %

Protection

IP65 and IP67 when plugged and screwed down (EN 60529)

Temperature range

-25...+85 °C, depending on cable quality

Article No.

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

7 0 5 0

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1 2 4 2 1

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– – – –

1

Form

2

Cable Type

3

Cable Length

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.