



## WAGO-I/O-SYSTEM 756

### IP67 Cables and Connectors

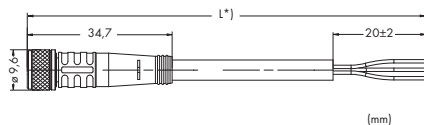
Series 756 offers a wide range of accessories for the connection of inductive or capacitive proximity switches, light barriers, flow control devices, push buttons etc. to the WAGO-I/O-SYSTEMS 751 (IP67 AS-Interface), 755 (IP67 fieldbus technology), 757 (IP67 sensor/actuator boxes) and WAGO-Speedway 767 (modular IO system IP67). The cables are not only a protection against dust and water, the design of their coupling nuts also provides protection against mechanical loosening when exposed to vibrations. In addition to that, fixed cables offer bend protection.

Cables with one or two preassembled wire ends are used. Cables with one preassembled wire end are often used when the length of the cable cannot be predetermined exactly or when the cable assembly with connectors proves to be difficult. Cables with one free wire end can therefore be adapted to individual prerequisites. Cables with two preassembled wire ends drastically reduce assembly and installation time.

# WAGO-I/O-SYSTEM 756

Sensor/actuator cables, with one end of cable fitted

## M8 Socket

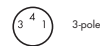
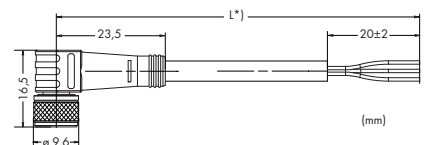


Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M8 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, straight, one free cable end, 1.5 m	4.1 mm ± 0.2	756-5101/030-015	10
	M8 socket, straight, one free cable end, 5.0 m	4.1 mm ± 0.2	756-5101/030-050	10
	M8 socket, straight, one free cable end, 10 m	4.1 mm ± 0.2	756-5101/030-100	10

## M8 Socket

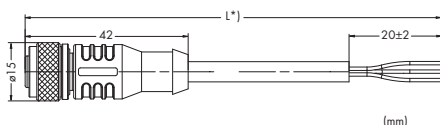


Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M8 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, right angle, one free cable end, 1.5 m	4.1 mm ± 0.2	756-5102/030-015	10
	M8 socket, right angle, one free cable end, 5.0 m	4.1 mm ± 0.2	756-5102/030-050	10
	M8 socket, right angle, one free cable end, 10 m	4.1 mm ± 0.2	756-5102/030-100	10

## M12 Socket



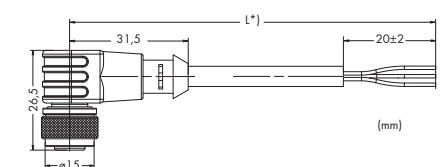
Pin 1 - 5: 0.34 mm<sup>2</sup>



- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)
- 5 gray

M12 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, straight, one free cable end, 1.5 m	4.3 mm ± 0.2	756-5301/030-015	10
	M12 socket, straight, one free cable end, 5.0 m	4.3 mm ± 0.2	756-5301/030-050	10
	M12 socket, straight, one free cable end, 10 m	4.3 mm ± 0.2	756-5301/030-100	10
4-pole,	M12 socket, straight, one free cable end, 1.5 m	4.7 mm ± 0.2	756-5301/040-015	10
	M12 socket, straight, one free cable end, 5.0 m	4.7 mm ± 0.2	756-5301/040-050	10
	M12 socket, straight, one free cable end, 10 m	4.7 mm ± 0.2	756-5301/040-100	10
5-pole,	M12 socket, straight, one free cable end, 1.5 m	5.0 mm ± 0.2	756-5301/050-015	10
	M12 socket, straight, one free cable end, 5.0 m	5.0 mm ± 0.2	756-5301/050-050	10
	M12 socket, straight, one free cable end, 10 m	5.0 mm ± 0.2	756-5301/050-100	10
5-pole, shielded	M12 socket, straight, one free cable end, 1.5 m	6.5 mm ± 0.2	756-5301/060-015	10
	M12 socket, straight, one free cable end, 5.0 m	6.5 mm ± 0.2	756-5301/060-050	10
	M12 socket, straight, one free cable end, 10 m	6.5 mm ± 0.2	756-5301/060-100	10

## M12 Socket



Pin 1 - 5: 0.34 mm<sup>2</sup>



- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)
- 5 gray

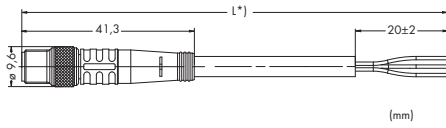
M12 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, right angle, one free cable end, 1.5 m	4.3 mm ± 0.2	756-5302/030-015	10
	M12 socket, right angle, one free cable end, 5.0 m	4.3 mm ± 0.2	756-5302/030-050	10
	M12 socket, right angle, one free cable end, 10 m	4.3 mm ± 0.2	756-5302/030-100	10
4-pole,	M12 socket, right angle, one free cable end, 1.5 m	4.7 mm ± 0.2	756-5302/040-015	10
	M12 socket, right angle, one free cable end, 5.0 m	4.7 mm ± 0.2	756-5302/040-050	10
	M12 socket, right angle, one free cable end, 10 m	4.7 mm ± 0.2	756-5302/040-100	10
5-pole,	M12 socket, right angle, one free cable end, 1.5 m	5.0 mm ± 0.2	756-5302/050-015	10
	M12 socket, right angle, one free cable end, 5.0 m	5.0 mm ± 0.2	756-5302/050-050	10
	M12 socket, right angle, one free cable end, 10 m	5.0 mm ± 0.2	756-5302/050-100	10
5-pole, shielded	M12 socket, right angle, one free cable end, 1.5 m	6.5 mm ± 0.2	756-5302/060-015	10
	M12 socket, right angle, one free cable end, 5.0 m	6.5 mm ± 0.2	756-5302/060-050	10
	M12 socket, right angle, one free cable end, 10 m	6.5 mm ± 0.2	756-5302/060-100	10

\* Cable length  
Custom cable lengths upon request

# WAGO-I/O-SYSTEM 756

Sensor/actuator cables, with one end of cable fitted

## M8 Plug

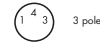
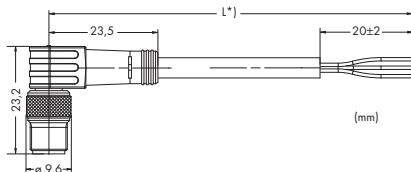


Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M8 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole	M8 plug, straight, one free cable end, 1.5 m	4.1 mm ± 0.2	<b>756-5111/030-015</b>	10
	M8 plug, straight, one free cable end, 5 m	4.1 mm ± 0.2	<b>756-5111/030-050</b>	10
	M8 plug, straight, one free cable end, 10 m	4.1 mm ± 0.2	<b>756-5111/030-100</b>	10

## M8 Plug

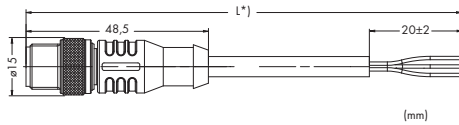


Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M8 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole	M8 plug, right angle, one free cable end, 1.5 m	4.1 mm ± 0.2	<b>756-5112/030-015</b>	10
	M8 plug, right angle, one free cable end, 5 m	4.1 mm ± 0.2	<b>756-5112/030-050</b>	10
	M8 plug, right angle, one free cable end, 10 m	4.1 mm ± 0.2	<b>756-5112/030-100</b>	10

## M12 Plug



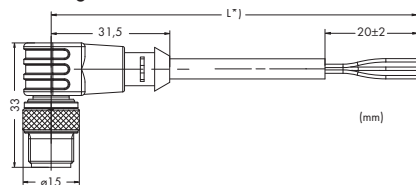
Pin 1 - 5: 0.34 mm<sup>2</sup>



- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)
- 5 gray

M12 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole	M12 plug, straight, one free cable end, 1.5 m	4.3 mm ± 0.2	<b>756-5311/030-015</b>	10
	M12 plug, straight, one free cable end, 5 m	4.3 mm ± 0.2	<b>756-5311/030-050</b>	10
	M12 plug, straight, one free cable end, 10 m	4.3 mm ± 0.2	<b>756-5311/030-100</b>	10
4-pole	M12 plug, straight, one free cable end, 1.5 m	4.7 mm ± 0.2	<b>756-5311/040-015</b>	10
	M12 plug, straight, one free cable end, 5 m	4.7 mm ± 0.2	<b>756-5311/040-050</b>	10
	M12 plug, straight, one free cable end, 10 m	4.7 mm ± 0.2	<b>756-5311/040-100</b>	10
5-pole	M12 plug, straight, one free cable end, 1.5 m	5.0 mm ± 0.2	<b>756-5311/050-015</b>	10
	M12 plug, straight, one free cable end, 5 m	5.0 mm ± 0.2	<b>756-5311/050-050</b>	10
	M12 plug, straight, one free cable end, 10 m	5.0 mm ± 0.2	<b>756-5311/050-100</b>	10
5-pole, shielded	M12 plug, straight, one free cable end, 1.5 m	6.5 mm ± 0.2	<b>756-5311/060-015</b>	10
	M12 plug, straight, one free cable end, 5 m	6.5 mm ± 0.2	<b>756-5311/060-050</b>	10
	M12 plug, straight, one free cable end, 10 m	6.5 mm ± 0.2	<b>756-5311/060-100</b>	10

## M12 Plug



Pin 1 - 5: 0.34 mm<sup>2</sup>



- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)
- 5 gray


M12 Sensor/actuator cables, with one end of cable fitted		Cable Ø	Item No.	Pack. Unit
3-pole	M12 plug, right angle, one free cable end, 1.5 m	4.3 mm ± 0.2	<b>756-5312/030-015</b>	10
	M12 plug, right angle, one free cable end, 5 m	4.3 mm ± 0.2	<b>756-5312/030-050</b>	10
	M12 plug, right angle, one free cable end, 10 m	4.3 mm ± 0.2	<b>756-5312/030-100</b>	10
4-pole	M12 plug, right angle, one free cable end, 1.5 m	4.7 mm ± 0.2	<b>756-5312/040-015</b>	10
	M12 plug, right angle, one free cable end, 5 m	4.7 mm ± 0.2	<b>756-5312/040-050</b>	10
	M12 plug, right angle, one free cable end, 10 m	4.7 mm ± 0.2	<b>756-5312/040-100</b>	10
5-pole	M12 plug, right angle, one free cable end, 1.5 m	5.0 mm ± 0.2	<b>756-5312/050-015</b>	10
	M12 plug, right angle, one free cable end, 5 m	5.0 mm ± 0.2	<b>756-5312/050-050</b>	10
	M12 plug, right angle, one free cable end, 10 m	5.0 mm ± 0.2	<b>756-5312/050-100</b>	10
5-pole, shielded	M12 plug, right angle, one free cable end, 1.5 m	6.5 mm ± 0.2	<b>756-5312/060-015</b>	10
	M12 plug, right angle, one free cable end, 5 m	6.5 mm ± 0.2	<b>756-5312/060-050</b>	10
	M12 plug, right angle, one free cable end, 10 m	6.5 mm ± 0.2	<b>756-5312/060-100</b>	10

\* Cable length  
Custom cable lengths upon request

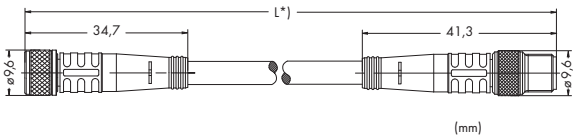
# WAGO-I/O-SYSTEM 756

Sensor/actuator cables, both ends of the cable are fitted with plug/socket

**M8 Socket**




**M8 Plug**



(mm)


Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)

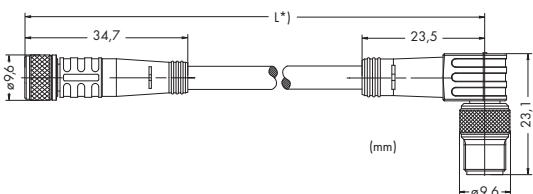


M8/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, straight/M8 plug, straight, 1.0 m	4.0 mm ± 0.1	<b>756-5201/030-010</b>	10
	M8 socket, straight/M8 plug, straight, 2.0 m	4.0 mm ± 0.1	<b>756-5201/030-020</b>	10

**M8 Socket**




**M8 Plug**



(mm)


Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)

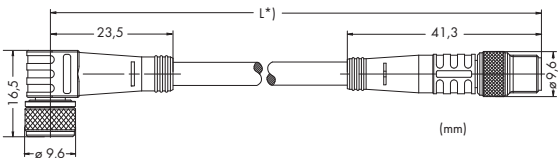


M8/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, straight/M8 plug, right angle, 1.0 m	4.3 mm ± 0.2	<b>756-5202/030-010</b>	10
	M8 socket, straight/M8 plug, right angle, 2.0 m	4.3 mm ± 0.2	<b>756-5202/030-020</b>	10

**M8 Socket**




**M8 Plug**



(mm)


Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)

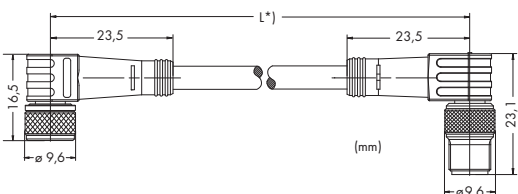


M8/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, right angle/M8 plug, straight, 1.0 m	4.0 mm ± 0.1	<b>756-5203/030-010</b>	10
	M8 socket, right angle/M8 plug, straight, 1.0 m	4.0 mm ± 0.1	<b>756-5203/030-020</b>	10

**M8 Socket**




**M8 Plug**



(mm)

Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 3 blue (-)
- 4 black (S)



M8/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, right angle/M8 plug, right angle, 1.0m	4.3 mm ± 0.2	<b>756-5204/030-010</b>	10
	M8 socket, right angle/M8 plug, right angle, 2.0m	4.3 mm ± 0.2	<b>756-5204/030-020</b>	10

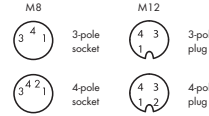
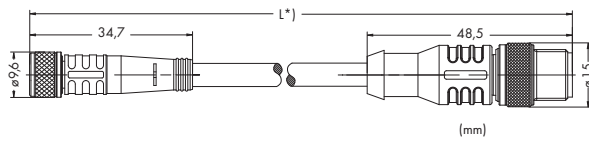
\* Cable length  
Custom cable lengths upon request

# WAGO-I/O-SYSTEM 756

Sensor/actuator cables, both ends of the cable are fitted with plug/socket

M8 Socket

M12 Plug



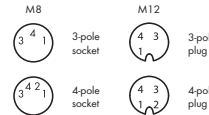
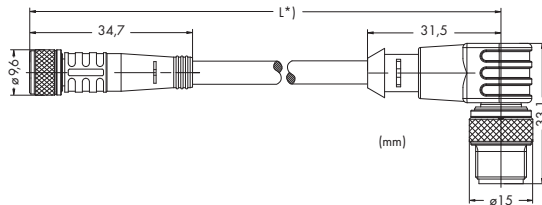
Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)

M8/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, straight/M12 plug, straight, 1.0 m	4.0 mm ± 0.1	<b>756-5507/030-010</b>	10
	M8 socket, straight/M12 plug, straight, 2.0 m	4.0 mm ± 0.1	<b>756-5507/030-020</b>	10
4-pole,	M8 socket, straight/M12 plug, straight, 1.0 m	4.0 mm ± 0.1	<b>756-5507/040-010</b>	10
	M8 socket, straight/M12 plug, straight, 2.0 m	4.0 mm ± 0.1	<b>756-5507/040-020</b>	10

M8 Socket

M12 Plug



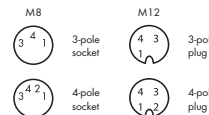
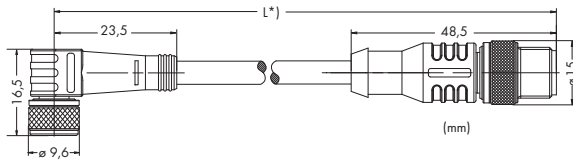
Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)

M8/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, straight/M12 plug, right angle, 1.0 m	4.0 mm ± 0.1	<b>756-5508/030-010</b>	10
	M8 socket, straight/M12 plug, right angle, 2.0 m	4.0 mm ± 0.1	<b>756-5508/030-020</b>	10
4-pole,	M8 socket, straight/M12 plug, right angle, 1.0 m	4.0 mm ± 0.1	<b>756-5508/040-010</b>	10
	M8 socket, straight/M12 plug, right angle, 2.0 m	4.0 mm ± 0.1	<b>756-5508/040-020</b>	10

M8 Socket

M12 Plug



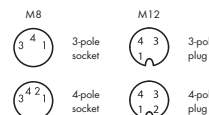
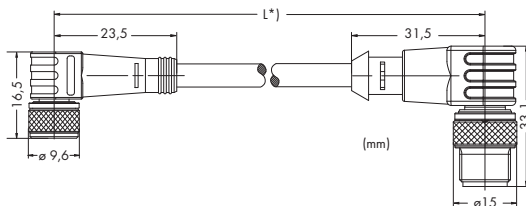
Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)

M8/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, right angle/M12 plug, straight, 1.0 m	4.0 mm ± 0.1	<b>756-5509/030-010</b>	10
	M8 socket, right angle/M12 plug, straight, 2.0 m	4.0 mm ± 0.1	<b>756-5509/030-020</b>	10
4-pole,	M8 socket, right angle/M12 plug, straight, 1.0 m	4.0 mm ± 0.1	<b>756-5509/040-010</b>	10
	M8 socket, right angle/M12 plug, straight, 2.0 m	4.0 mm ± 0.1	<b>756-5509/040-020</b>	10

M8 Socket

M12 Plug



Pin 1 - 4: 0.25 mm<sup>2</sup>

- 1 brown (+)
- 2 white (0)
- 3 blue (-)
- 4 black (S)


M8/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M8 socket, right angle/M12 plug, right angle, 1.0 m	4.0 mm ± 0.1	<b>756-5510/030-010</b>	10
	M8 socket, right angle/M12 plug, right angle, 2.0m	4.0 mm ± 0.1	<b>756-5510/030-020</b>	10
4-pole,	M8 socket, right angle/M12 plug, right angle, 1.0 m	4.0 mm ± 0.1	<b>756-5510/040-010</b>	10
	M8 socket, right angle/M12 plug, right angle, 2.0 m	4.0 mm ± 0.1	<b>756-5510/040-020</b>	10

\* Cable length  
Custom cable lengths upon request

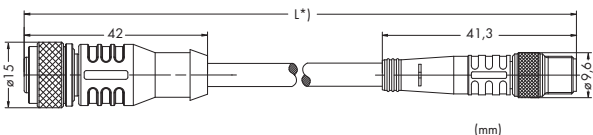
# WAGO-I/O-SYSTEM 756

Sensor/actuator cables, both ends of the cable are fitted with plug/socket

**M12 Socket**



**M8 Plug**




(mm)

Pin 1 - 4: 0.25 mm<sup>2</sup>


- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M12



3 4  
3-pole socket


M8



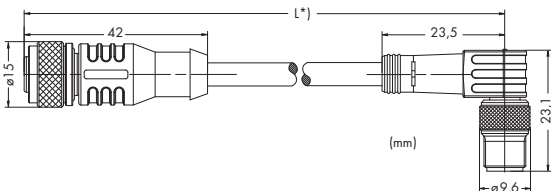
1 4 3  
3-pole plug

M12/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, straight/M8 plug, straight, 1.0 m	4.0 mm ± 0.1	756-5501/030-010	10
	M12 socket, straight/M8 plug, straight, 2.0 m	4.0 mm ± 0.1	756-5501/030-020	10

**M12 Socket**



**M8 Plug**




(mm)

Pin 1 - 4: 0.25 mm<sup>2</sup>


- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M12



3 4  
3-pole socket


M8



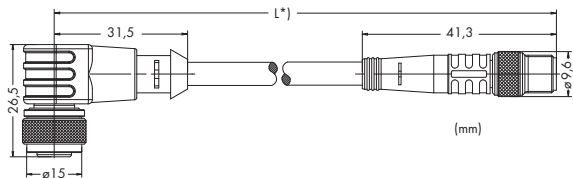
1 4 3  
3-pole plug

M12/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, straight/M8 plug, right angle, 1.0 m	4.3 mm ± 0.2	756-5502/030-010	10
	M12 socket, straight/M8 plug, right angle, 2.0 m	4.3 mm ± 0.2	756-5502/030-020	10

**M12 Socket**



**M8 Plug**




(mm)

Pin 1 - 4: 0.25 mm<sup>2</sup>


- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M12



3 4  
3-pole socket


M8



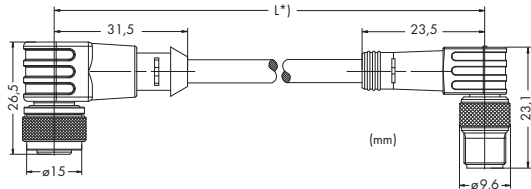
1 4 3  
3-pole plug

M12/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, right angle/M8 plug, straight, 1.0 m	4.0 mm ± 0.1	756-5503/030-010	10
	M12 socket, right angle/M8 plug, straight, 2.0 m	4.0 mm ± 0.1	756-5503/030-020	10

**M12 Socket**



**M8 Plug**




(mm)

Pin 1 - 4: 0.25 mm<sup>2</sup>


- 1 brown (+)
- 3 blue (-)
- 4 black (S)

M12



3 4  
3-pole socket

M8



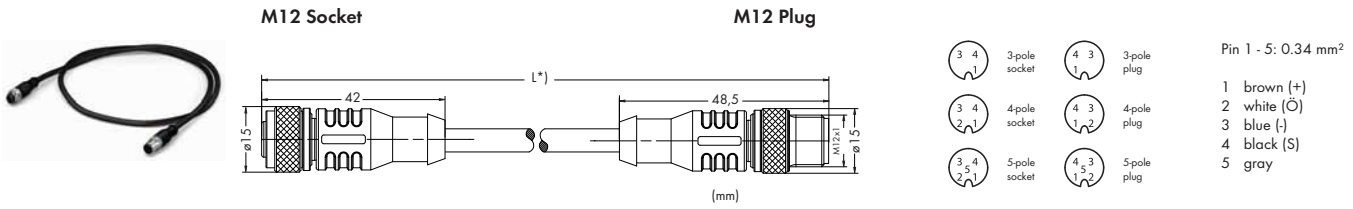
1 4 3  
3-pole plug

M12/M8 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, right angle/M8 plug, right angle, 1.0 m	4.3 mm ± 0.2	756-5504/030-010	10
	M12 socket, right angle/M8 plug, right angle, 2.0 m	4.3 mm ± 0.2	756-5504/030-020	10

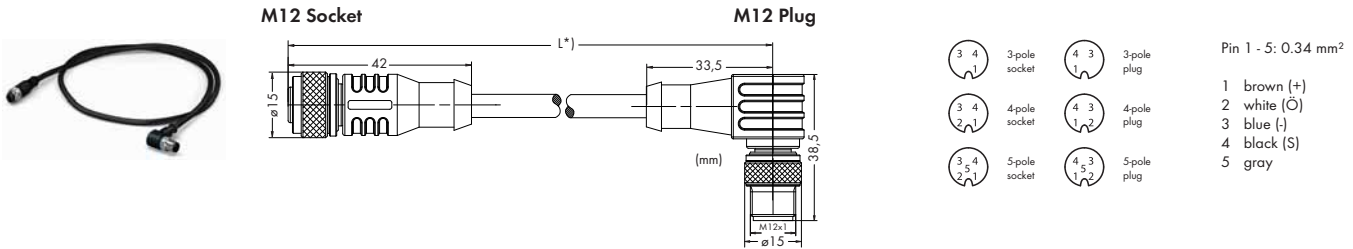
\* Cable length  
Custom cable lengths upon request

# WAGO-I/O-SYSTEM 756

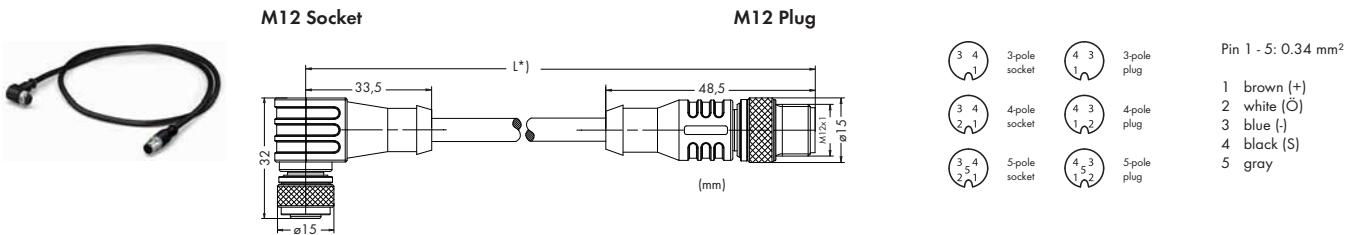
Sensor/actuator cables, both ends of the cable are fitted with plug/socket



M12/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, straight/M12 plug, straight, 1.0 m	4.3 mm ± 0.2	<b>756-5401/030-010</b>	10
	M12 socket, straight/M12 plug, straight, 2.0 m	4.3 mm ± 0.2	<b>756-5401/030-020</b>	10
4-pole,	M12 socket, straight/M12 plug, straight, 1.0 m	4.7 mm ± 0.2	<b>756-5401/040-010</b>	10
	M12 socket, straight/M12 plug, straight, 2.0 m	4.7 mm ± 0.2	<b>756-5401/040-020</b>	10
5-pole,	M12 socket, straight/M12 plug, straight, 1.0 m	5.0 mm ± 0.2	<b>756-5401/050-010</b>	10
	M12 socket, straight/M12 plug, straight, 2.0 m	5.0 mm ± 0.2	<b>756-5401/050-020</b>	10
5-pole, shielded	M12 socket, straight, M12 plug, straight, 1.0 m	6.5 mm ± 0.2	<b>756-5401/060-010</b>	10
	M12 socket, straight, M12 plug, straight, 2.0 m	6.5 mm ± 0.2	<b>756-5401/060-020</b>	10



M12/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, straight/M12 plug, right angle, 1.0 m	4.3 mm ± 0.2	<b>756-5402/030-010</b>	10
	M12 socket, straight/M12 plug, right angle, 2.0 m	4.3 mm ± 0.2	<b>756-5402/030-020</b>	10
4-pole,	M12 socket, straight/M12 plug, right angle, 1.0 m	4.7 mm ± 0.2	<b>756-5402/040-010</b>	10
	M12 socket, straight/M12 plug, right angle, 2.0 m	4.7 mm ± 0.2	<b>756-5402/040-020</b>	10
5-pole,	M12 socket, straight/M12 plug, right angle, 1.0 m	5.0 mm ± 0.2	<b>756-5402/050-010</b>	10
	M12 socket, straight/M12 plug, right angle, 2.0 m	5.0 mm ± 0.2	<b>756-5402/050-020</b>	10
5-pole, shielded	M12 socket, straight, M12 plug, right angle, 1.0 m	6.5 mm ± 0.2	<b>756-5402/060-010</b>	10
	M12 socket, straight, M12 plug, right angle, 2.0 m	6.5 mm ± 0.2	<b>756-5402/060-020</b>	10

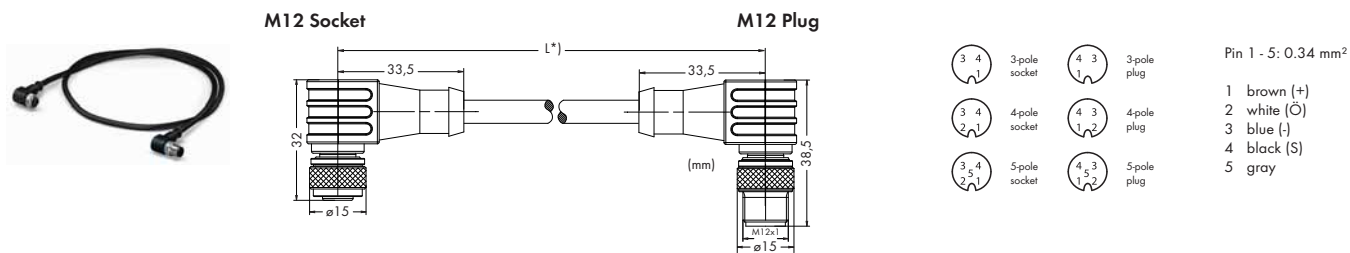


M12/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, right angle/M12 plug, straight, 1.0 m	4.3 mm ± 0.2	<b>756-5403/030-010</b>	10
	M12 socket, right angle/M12 plug, straight, 2.0 m	4.3 mm ± 0.2	<b>756-5403/030-020</b>	10
4-pole,	M12 socket, right angle/M12 plug, straight, 1.0 m	4.7 mm ± 0.2	<b>756-5403/040-010</b>	10
	M12 socket, right angle/M12 plug, straight, 2.0 m	4.7 mm ± 0.2	<b>756-5403/040-020</b>	10
5-pole,	M12 socket, right angle/M12 plug, straight, 1.0 m	5.0 mm ± 0.2	<b>756-5403/050-010</b>	10
	M12 socket, right angle/M12 plug, straight, 2.0 m	5.0 mm ± 0.2	<b>756-5403/050-020</b>	10
5-pole, shielded	M12 socket, right angle, M12 plug, straight, 2.0 m	6.5 mm ± 0.2	<b>756-5403/060-010</b>	10
	M12 socket, right angle, M12 plug, straight, 2.0 m	6.5 mm ± 0.2	<b>756-5403/060-020</b>	10

\* Cable length  
Custom cable lengths upon request

# WAGO-I/O-SYSTEM 756

Sensor/actuator cables, both ends of the cable are fitted with plug/socket



M12/M12 Sensor/actuator cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
3-pole,	M12 socket, right angle/M12 plug, right angle, 1.0 m	4.3 mm ± 0.2	<b>756-5404/030-010</b>	10
	M12 socket, right angle/M12 plug, right angle, 2.0 m	4.3 mm ± 0.2	<b>756-5404/030-020</b>	10
4-pole,	M12 socket, right angle/M12 plug, right angle, 1.0 m	4.7 mm ± 0.2	<b>756-5404/040-010</b>	10
	M12 socket, right angle/M12 plug, right angle, 2.0 m	4.7 mm ± 0.2	<b>756-5404/040-020</b>	10
5-pole,	M12 socket, right angle/M12 plug, right angle, 1.0 m	5.0 mm ± 0.2	<b>756-5404/050-010</b>	10
	M12 socket, right angle/M12 plug, right angle, 2.0 m	5.0 mm ± 0.2	<b>756-5404/050-020</b>	10
5-pole, shielded	M12 socket, right angle, M12 plug, right angle, 1.0 m	6.5 mm ± 0.2	<b>756-5404/060-010</b>	10
	M12 socket, right angle, M12 plug, right angle, 2.0 m	6.5 mm ± 0.2	<b>756-5404/060-020</b>	10

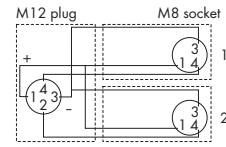
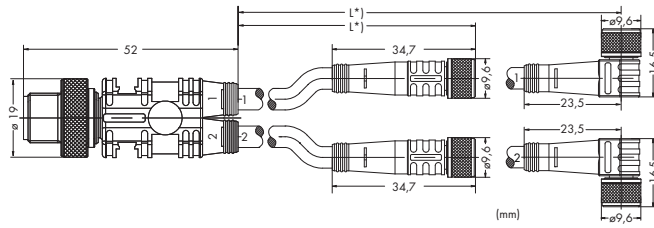
\* Cable length  
Custom cable lengths upon request



# WAGO-I/O-SYSTEM 756

## Sensor/actuator distribution components

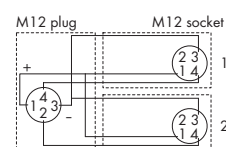
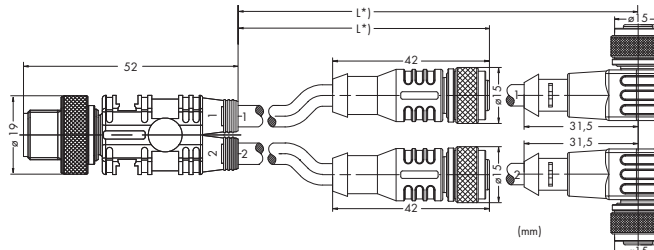
M12 Distribution Plug



Pin 1 - 4: 0.25 mm<sup>2</sup>

M8/M12 Sensor/actuator distribution cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
4-pole,	2 x M8 socket, straight/M12 plug, straight, 1.0 m	4.1 mm ± 0.2	756-5513/040-010	10
	2 x M8 socket, straight/M12 plug, straight, 2.0 m	4.1 mm ± 0.2	756-5513/040-020	10
	2 x M8 socket, right angle/M12 plug, straight, 1.0 m	4.1 mm ± 0.2	756-5514/040-010	10
	2 x M8 socket, right angle/M12 plug, straight, 2.0 m	4.1 mm ± 0.2	756-5514/040-020	10

M12 Distribution Plug

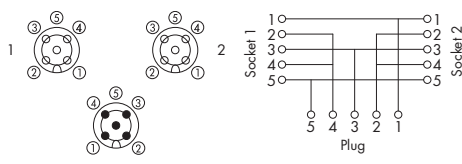


Pin 1 - 4: 0.34 mm<sup>2</sup>

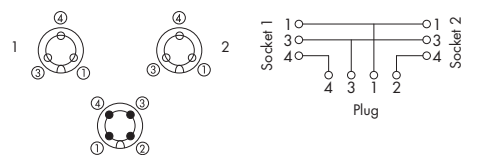
M12/M12 Sensor/actuator distribution cables, both ends of the cable are fitted with plug/socket		Cable Ø	Item No.	Pack. Unit
4-pole,	2 x M12 socket, straight/M12 plug, straight, 1.0 m	4.7 mm ± 0.2	756-5516/040-010	10
	2 x M12 socket, straight/M12 plug, straight, 2.0 m	4.7 mm ± 0.2	756-5516/040-020	10
	2 x M12 socket, right angle/M12 plug, straight, 1.0 m	4.7 mm ± 0.2	756-5517/040-010	10
	2 x M12 socket, right angle/M12 plug, straight, 2.0 m	4.7 mm ± 0.2	756-5517/040-020	10

Custom cable lengths upon request

M12/M12

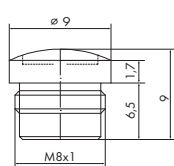


M8/M12

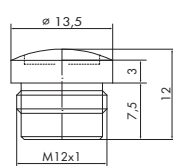


Sensor/actuator twin distribution connector		Item No.	Pack. Unit
M12/M12 twin distribution connector		756-9301/050-000	10
M8/M12 twin distribution connector		756-9301/040-000	10

M8



M12

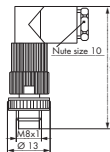
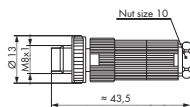


Protective caps (for covering unused sensor/actuator connectors)		Item No.	Pack. Unit
M8 protective cap		756-8101	10
M12 protective cap		756-8102	10

# WAGO-I/O-SYSTEM 756

Connectors for self assembly

## M8 Plug



3-pole

Conductor sizes  
Ø 4 ... 5 mm/0.14 ... 0.34 mm<sup>2</sup>

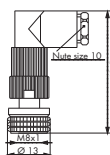
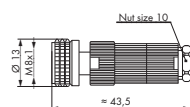
### M8 Plug, for self assembly, unshielded

3-pole M8 plug, straight, pin penetration  
M8 plug, right angle, pin penetration

Item No. Pack. Unit

756-9102/030-000 5  
756-9105/030-000 5

## M8 Socket



3-pole

Conductor sizes  
Ø 4 ... 5 mm/0.14 ... 0.34 mm<sup>2</sup>

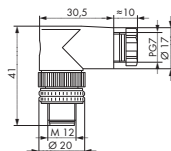
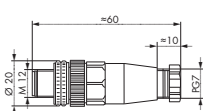
### M8 Socket, for self assembly, unshielded

3-pole M8 socket, straight, pin penetration  
M8 socket, right angle, pin penetration

Item No. Pack. Unit

756-9112/030-000 5  
756-9115/030-000 5

## M12 Plug



4-pole



5-pole

Conductor sizes  
Ø 4 ... 6 mm/0.25 ... 0.75 mm<sup>2</sup> (screw clamp connection)  
Ø 4 ... 6 mm/0.14 ... 0.50 mm<sup>2</sup> (spring clamp connection)

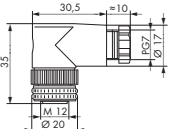
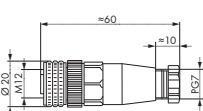
### M12 Plug, for self assembly, unshielded

4-pole M12 plug, straight, screw clamp connection  
M12 plug, right angle, screw clamp connection  
M12 plug, straight, spring clamp technology  
M12 plug, right angle, spring clamp technology  
5-pole M12 plug, straight, screw clamp connection  
M12 plug, right angle, screw clamp connection  
M12 plug, straight, spring clamp technology  
M12 plug, right angle, spring clamp technology

Item No. Pack. Unit

756-9201/040-000 5  
756-9204/040-000 5  
756-9202/040-000 5  
756-9205/040-000 5  
756-9201/050-000 5  
756-9204/050-000 5  
756-9202/050-000 5  
756-9205/050-000 5

## M12 Socket



4-pole



5-pole

Conductor sizes  
Ø 4 ... 6 mm/0.25 ... 0.75 mm<sup>2</sup> (screw clamp connection)  
Ø 4 ... 6 mm/0.14 ... 0.50 mm<sup>2</sup> (spring clamp connection)

### M12 Socket, for self assembly, unshielded

4-pole M12 socket, straight, screw clamp connection  
M12 socket, right angle, screw clamp connection  
M12 socket, straight, spring clamp technology  
M12 socket, right angle, spring clamp technology  
5-pole M12 socket, straight, spring clamp technology  
M12 socket, right angle, spring clamp technology

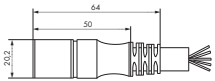
Item No. Pack. Unit

756-9211/040-000 5  
756-9214/040-000 5  
756-9212/040-000 5  
756-9215/040-000 5  
756-9212/050-000 5  
756-9215/050-000 5

# WAGO-I/O-SYSTEM 756

## Distribution cables for the WAGO-I/O-SYSTEM 757

### M16 Socket



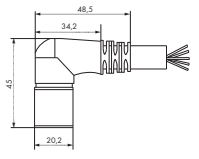
14-pole

Pin A, L: 0.75 mm<sup>2</sup>  
Pin C - J, N - T: 0.34 mm<sup>2</sup>

- |                   |                   |
|-------------------|-------------------|
| A brown           | N pink-brown      |
| C white-pink      | O violet          |
| E black           | P white           |
| G pink            | R red             |
| J green           | S gray            |
| L blue            | T yellow          |
| M commoned with A | U commoned with L |

M16 Distribution cables for connecting M8 sensor /actuator boxes		Cable Ø	Item No.	Pack. Unit
14-pole,	M16 socket, straight, one free wire end, 5 m	9.1 mm ± 0.2	<b>756-3205/140-050</b>	1
	M16 socket, straight, one free wire end, 10 m	9.1 mm ± 0.2	<b>756-3205/140-100</b>	1
	M16 socket, straight, one free wire end, 15 m	9.1 mm ± 0.2	<b>756-3205/140-150</b>	1

### M16 Socket



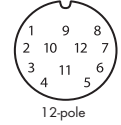
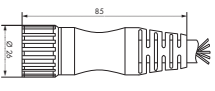
14-pole

Pin A, L: 0.75 mm<sup>2</sup>  
Pin C - J, N - T: 0.34 mm<sup>2</sup>

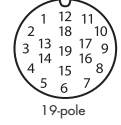
- |                   |                   |
|-------------------|-------------------|
| A brown           | N pink-brown      |
| C white-pink      | O violet          |
| E black           | P white           |
| G pink            | R red             |
| J green           | S gray            |
| L blue            | T yellow          |
| M commoned with A | U commoned with L |

M16 Distribution cables for connecting M8 sensor /actuator boxes		Cable Ø	Item No.	Pack. Unit
14-pole,	M16 socket, right angle, one free wire end, 5 m	9.1 mm ± 0.2	<b>756-3206/140-050</b>	1
	M16 socket, right angle, one free wire end, 10 m	9.1 mm ± 0.2	<b>756-3206/140-100</b>	1
	M16 socket, right angle, one free wire end, 15 m	9.1 mm ± 0.2	<b>756-3206/140-150</b>	1

### M23 Socket



12-pole

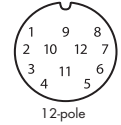
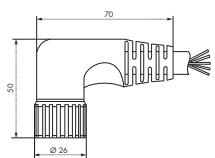


19-pole

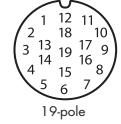
- Pin 9, 11, 12: 1.00 mm<sup>2</sup>; Pin 1 - 8: 0.34 mm<sup>2</sup>
- |          |          |                    |
|----------|----------|--------------------|
| 1 white  | 5 pink   | 9 blue             |
| 2 green  | 6 red    | 10 commoned with 9 |
| 3 yellow | 7 black  | 11 brown           |
| 4 gray   | 8 violet | 12 green-yellow    |
- Pin 6, 12, 19: 1.00 mm<sup>2</sup>; Pin 1 - 5, 7 - 11, 13 - 19: 0.34 mm<sup>2</sup>
- |             |                 |               |
|-------------|-----------------|---------------|
| 1 violet    | 8 white-green   | 15 white      |
| 2 red       | 9 white-yellow  | 16 yellow     |
| 3 gray      | 10 white-gray   | 17 pink       |
| 4 red-blue  | 11 black        | 18 gray-brown |
| 5 green     | 12 green-yellow | 19 brown      |
| 6 blue      | 13 yellow-brown |               |
| 7 gray-pink | 14 brown-green  |               |

M23 Distribution cables for connecting M8 sensor /actuator boxes		Cable Ø	Item No.	Pack. Unit
12-pole,	M23 socket, straight, one free wire end, 5 m	8.6 mm ± 0.3	<b>756-3201/120-050</b>	1
	M23 socket, straight, one free wire end, 10 m	8.6 mm ± 0.3	<b>756-3201/120-100</b>	1
	M23 socket, straight, one free wire end, 15 m	8.6 mm ± 0.3	<b>756-3201/120-150</b>	1
19-pole,	M23 socket, straight, one free wire end, 5 m	9.7 mm ± 0.3	<b>756-3203/190-050</b>	1
	M23 socket, straight, one free wire end, 10 m	9.7 mm ± 0.3	<b>756-3203/190-100</b>	1
	M23 socket, straight, one free wire end, 15 m	9.7 mm ± 0.3	<b>756-3203/190-150</b>	1

### M23 Socket



12-pole



19-pole

- Pin 9, 11, 12: 1.00 mm<sup>2</sup>; Pin 1 - 8: 0.34 mm<sup>2</sup>
- |          |          |                    |
|----------|----------|--------------------|
| 1 white  | 5 pink   | 9 blue             |
| 2 green  | 6 red    | 10 commoned with 9 |
| 3 yellow | 7 black  | 11 brown           |
| 4 gray   | 8 violet | 12 green-yellow    |
- Pin 6, 12, 19: 1.00 mm<sup>2</sup>; Pin 1 - 5, 7 - 11, 13 - 19: 0.34 mm<sup>2</sup>
- |             |                 |               |
|-------------|-----------------|---------------|
| 1 violet    | 8 white-green   | 15 white      |
| 2 red       | 9 white-yellow  | 16 yellow     |
| 3 gray      | 10 white-gray   | 17 pink       |
| 4 red-blue  | 11 black        | 18 gray-brown |
| 5 green     | 12 green-yellow | 19 brown      |
| 6 blue      | 13 yellow-brown |               |
| 7 gray-pink | 14 brown-green  |               |

M23 Distribution cables for connecting M8 sensor /actuator boxes		Cable Ø	Item No.	Pack. Unit
12-pole,	M23 socket, right angle, one free wire end, 5 m	8.6 mm ± 0.3	<b>756-3202/120-050</b>	1
	M23 socket, right angle, one free wire end, 10 m	8.6 mm ± 0.3	<b>756-3202/120-100</b>	1
	M23 socket, right angle, one free wire end, 15 m	8.6 mm ± 0.3	<b>756-3202/120-150</b>	1
19-pole,	M23 socket, right angle, one free wire end, 5 m	9.7 mm ± 0.3	<b>756-3204/190-050</b>	1
	M23 socket, right angle, one free wire end, 10 m	9.7 mm ± 0.3	<b>756-3204/190-100</b>	1
	M23 socket, right angle, one free wire end, 15 m	9.7 mm ± 0.3	<b>756-3204/190-150</b>	1

Custom cable lengths upon request