

Cables



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Motor cables	2 m	3 m	4 m	5 m	6 m	8 m	10 m
M5- -0-open-1				50075693			50224179
M10- -0-open-1				50219768			50249065
M12- -0-open-1				50290459			50310506
M12- -90-open-1				50290460			50310507
M14- -0-0-1		50311491		50341510			
M15- -0-0-1		50332418		50338977			
M15- -90-0-1		50332420		50338978			
M16- -0-1-X			50463073		50463076	50463078	
M16- -0-1-1			50437168		50437167	50427023	
Extension M16/M20- -0-0-1	50450944		50427026		50463082		
Extension M16/M20- -0-0-2	50463081						
M17- -0-1-1			50437170		50437169	50427021	
Extension M17/M22/M23/M24- -0-0-1	50463084		50427024		50463087		
Extension M17/M22/M23/M24- -0-0-2	50463085		50463086				
M18- -0-open				50450380			50446251
M19- -0-0-1		50459733		50459734			
M20- -0-2-X			50463088		50463090	50463092	
M20- -0-2-1			50463089		50463091	50463093	
M22- -0-2-1			50463100		50463101	50463103	
M23- -0-1-X			50463104		50463105	50463106	
M24- -0-2-X			50463107		50463108	50463109	
M27- -0-open-1				50545333			50545334
M27- -90-open-1				50545335			50545336

Encoder cables	2 m	3 m	4 m	5 m	6 m	8 m	10 m
G5- -0-0-1				50075695			50224183
G6- -0-0-1				50100693			50224185
G10- -0-0-1				50297199			50310508
G10- -90-0-1				50297200			50310509
G12- -0-0-1		50332416		50338975			
G12- -90-0-1		50332417		50338976			
G14- -0-0-1		50443145		50439300			50450518
G14- -90-0-1		50450519		50450520			50450521
G16- -0-0-1				50450376			50446252
G18- -0-0-1							50468310
G18- -90-0-1							50468311
Extension G18- -0-0-1	50468312			50468313			
G19- -0-0-1							50468314
G19- -90-0-1							50468315

Proximity switch cables	0.1 m	0.6 m	1.5 m	2 m	3 m	5 m	10 m
R1- -0-open-1				11006443	50340925	11006446	50072072
R1- -90-open-1				11006447	50340954	11007826	50310513
R2- -0-0-1		11015003			50340271	11017754	
R2- -90-0-1					50340272	50340903	
R3- -0-open-1				11006428		11006431	50098553
R3- -90-open-1				11006429		11006430	
R6- -0-0-1			50164838				
R10- -0-0-1	50386489						

Sensor-actuator cable	0.1 m	0.6 m	1.5 m	2 m	3 m	5 m	10 m
S1-0-open		50512492					
S2-0-open						50512467	
S3-0-open				50359710		11007828	
S3-90-open				50551477		50551478	
S4-0-0			50573863		50573865		
S4-90-0			50573864		50573866		
S4-0-open						50573867	50573870
S4-90-open						50573868	50573871

Cable nomenclature:

Cable designation - Cable type - Cable length - Plug, module side - Plug, controller side - Cable type

e. g. **Motor cable-M5-5m-0-open-1:**

Cable designation:

M: Motor cable
 G: Encoder cable
 R: Proximity switch cable
 S: Sensor-actuator cable

Cable type:

M5: Cable type

Cable length:

5m: Cable length in m

Plug, module side:

0: Plug, straight
 90: Plug, 90° angle

Plug, controller side:

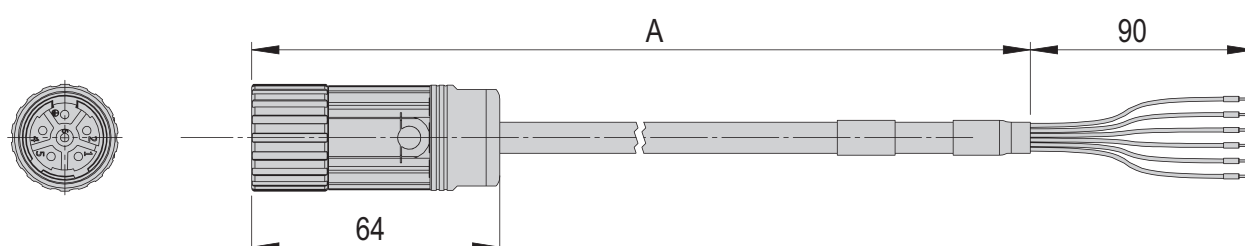
0: Plug, straight
 1: Plug, straight/motor phases with additional plug
 2: Plug, straight/motor phases open
 3: Plug, straight/open wires
 open: open wires

Cable type

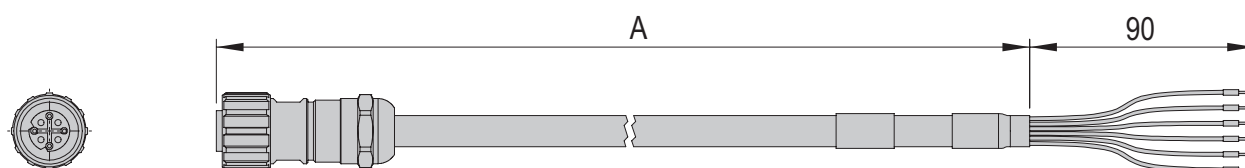
X: Non-moving transfer
 1: Moving transfer, drag chain
 2: Moving transfer, robot

Cables

Motor cable-M5	5m-0-open-1	10m-0-open-1
Order number	50075693	50224179
Net weight	0.2 kg	0.4 kg
Cable Ø	11.2 mm	11.3 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m

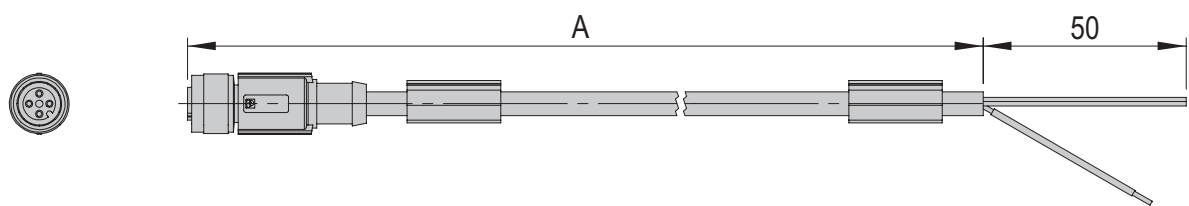


Motor cable-M10	5m-0-open-1	10m-0-open-1
Order number	50219768	50249065
Net weight	0.6 kg	1.1 kg
Cable Ø	10 mm	10 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m



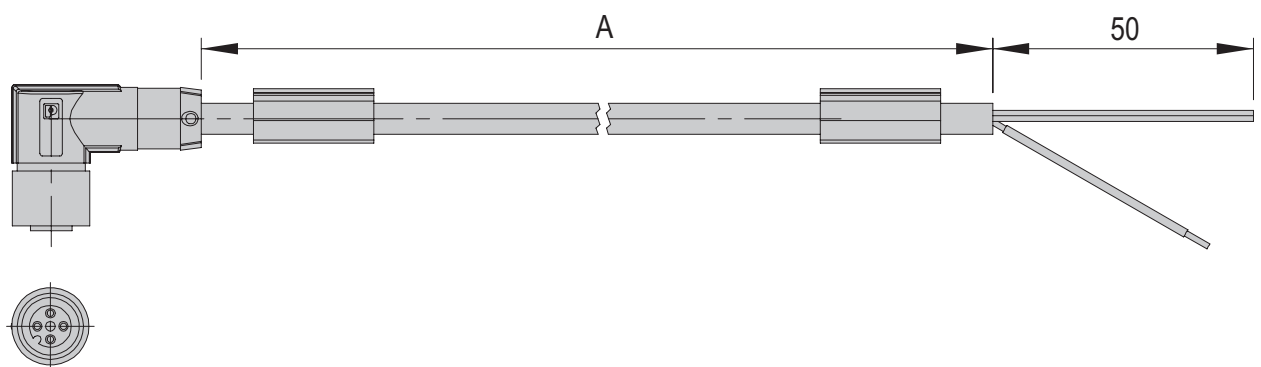
Cables

Motor cable-M12	5m-0-open-1	10m-0-open-1
Order number	50290459	50310506
Net weight	0.1 kg	0.2 kg
Cable Ø	6 mm	6 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m



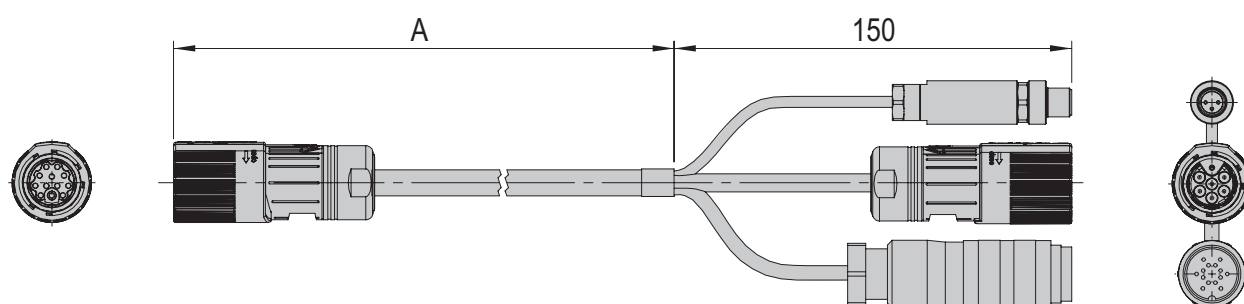
10

Motor cable-M12-90	5m-90-open-1	10m-90-open-1
Order number	50290460	50310507
Net weight	0.1 kg	0.2 kg
Cable Ø	6 mm	6 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m

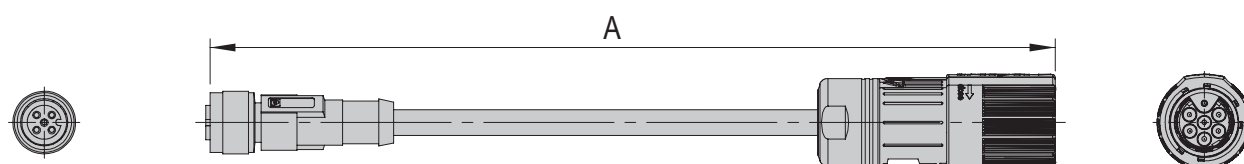


Cables

Motor cable-M14	3m-0-0-1	5m-0-0-1
Order number	50311491	50341510
Net weight	0.3 kg	0.5 kg
Cable Ø	7 mm	7 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	3 m	5 m

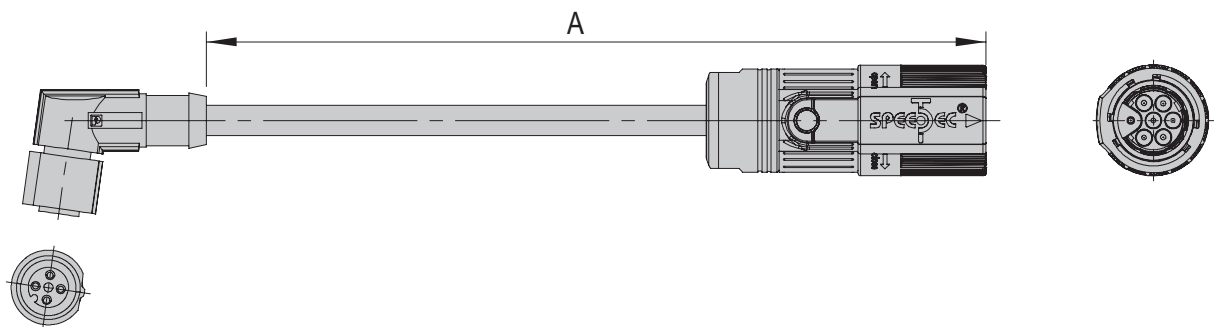


Motor cable-M15	3m-0-0-1	5m-0-0-1
Order number	50332418	50338977
Net weight	0.2 kg	0.3 kg
Cable Ø	6 mm	6 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	3 m	5 m

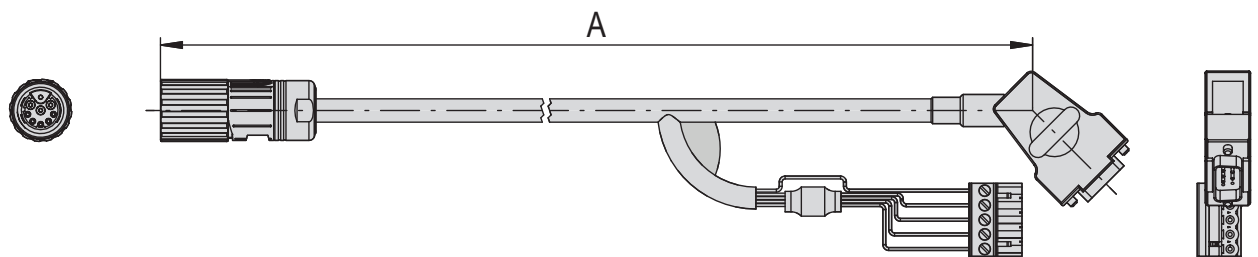


Cables

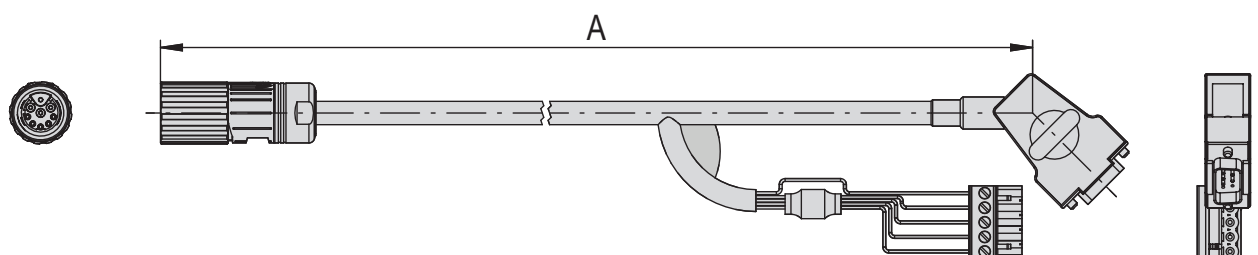
Motor cable-M15-90	3m-90-0-1	5m-90-0-1
Order number	50332420	50338978
Net weight	0.1 kg	0.2 kg
Cable Ø	6 mm	6 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	3 m	5 m



Motor cable-M16-0-1-X	4m-0-1-X	6m-0-1-X	8m-0-1-X
Order number	50463073	50463076	50463078
Net weight	0.6 kg	0.9 kg	1.2 kg
Cable Ø	8.2 mm	8.2 mm	8.2 mm
Min. bending radii	static 25 mm	static 25 mm	static 25 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m

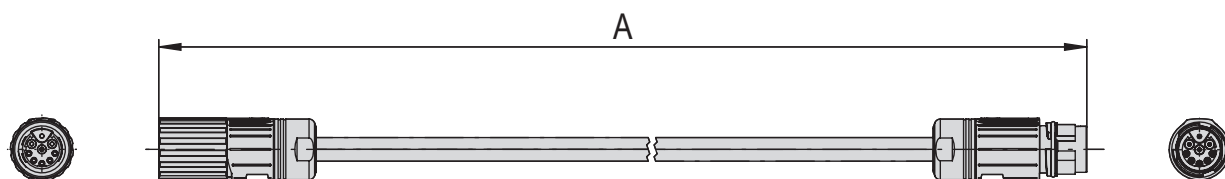


Motor cable M16-0-1-1	4m-0-1-1	6m-0-1-1	8m-0-1-1
Order number	50437168	50437167	50427023
Net weight	0.6 kg	0.9 kg	1.2 kg
Cable Ø	9.5 mm	9.5 mm	9.5 mm
Min. bending radii	60 mm	60 mm	60 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m

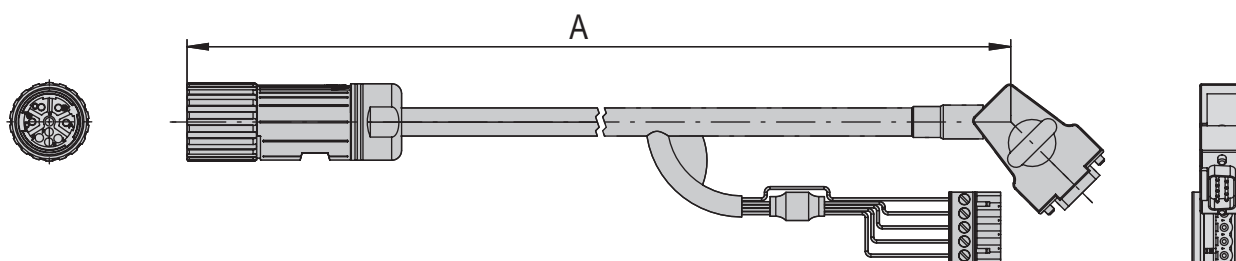


Cables

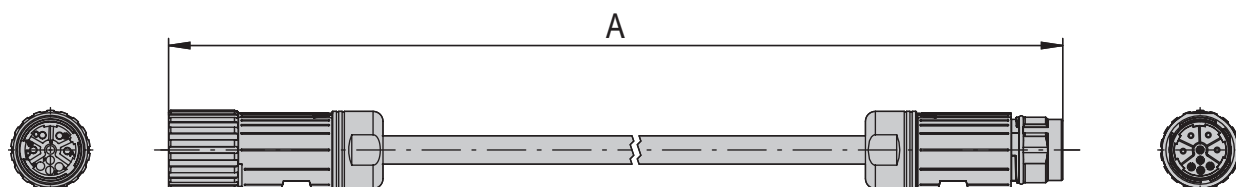
Motor cable extension for M16/M20-0-0-1/-2	2m-0-0-1	4m-0-0-1	6m-0-0-1	2m-0-0-2
Order number	50450944	50427026	50463082	50463081
Net weight	0.3 kg	0.6 kg	0.9 kg	0.2 kg
Cable Ø	9.5 mm	9.5 mm	9.5 mm	9.7 mm
Min. bending radii	60 mm	60 mm	60 mm	60 mm
Material	PUR	PUR	PUR	PUR
A	2 m	4 m	6 m	2 m



Motor cable-M17-0-1-1	4m-0-1-1	6m-0-1-1	8m-0-1-1
Order number	50437170	50437169	50427021
Net weight	0.6 kg	0.8 kg	1.1 kg
Cable Ø	10.8 mm	10.8 mm	10.8 mm
Min. bending radii	100 mm	100 mm	100 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m

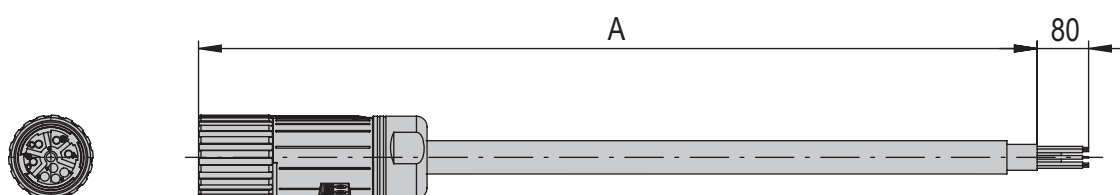


Motor cable extension for M17/M22/M23/ M24-0-0-1/-2	2m-0-0-1	4m-0-0-1	6m-0-0-1	2m-0-0-2	4m-0-0-2
Order number	50463084	50427024	50463087	50463085	50463086
Net weight	0.4 kg	0.8 kg	1.2 kg	0.4 kg	0.8 kg
Cable Ø	10.8 mm	10.8 mm	10.8 mm	10.9 mm	10.9 mm
Min. bending radii	100 mm	100 mm	100 mm	100 mm	100 mm
Material	PUR	PUR	PUR	PUR	PUR
A	2 m	4 m	6 m	2 m	4 m



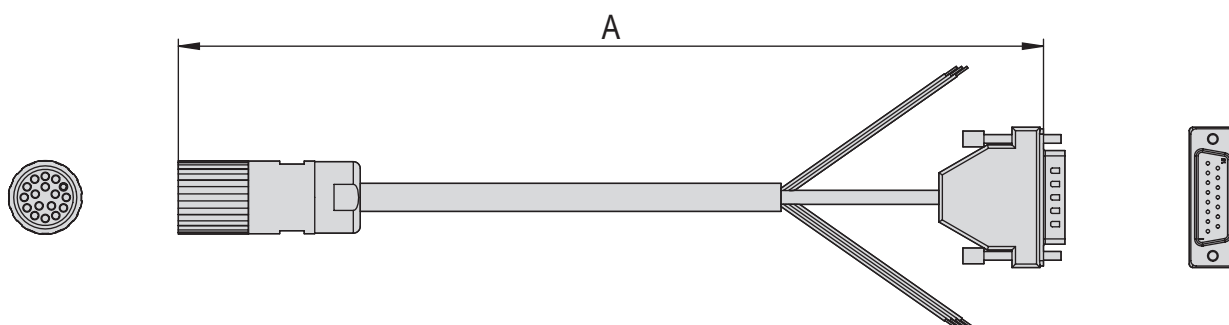
Cables

Motor cable-M18	5m-0-open-1	10m-0-open-1
Order number	50450380	50446251
Net weight	0.5 kg	0.6 kg
Cable Ø	10.2 mm	10.2 mm
Min. bending radii	120 mm	120 mm
Material	PUR	PUR
A	5 m	10 m

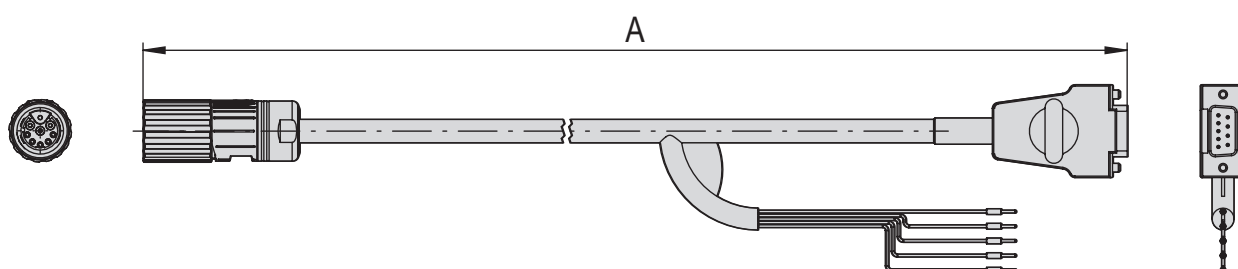


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Motor cable-M19-0-0-1	3m-0-0-1	5m-0-0-1
Order number	50459733	50459734
Net weight	1 kg	1.3 kg
Cable Ø	8.3 mm	8.3 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	3 m	5 m

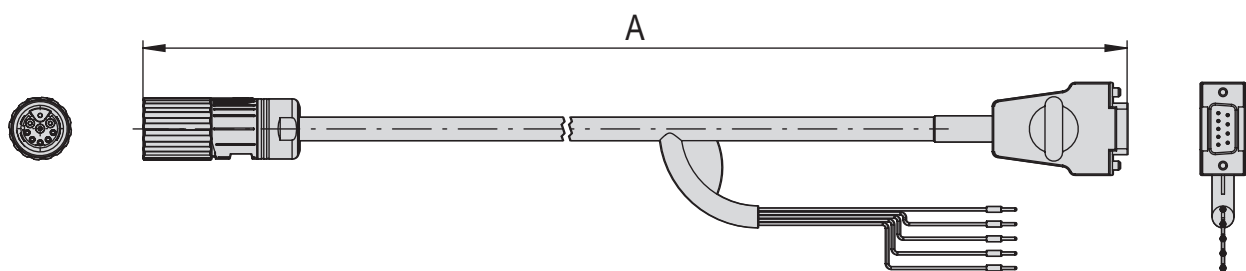


Motor cable-M20-0-2-X	4m-0-2-X	6m-0-2-X	8m-0-2-X
Order number	50463088	50463090	50463092
Net weight	0.6 kg	0.9 kg	1.2 kg
Cable Ø	8.2 mm	8.2 mm	8.2 mm
Min. bending radii	static 25 mm	static 25 mm	static 25 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m

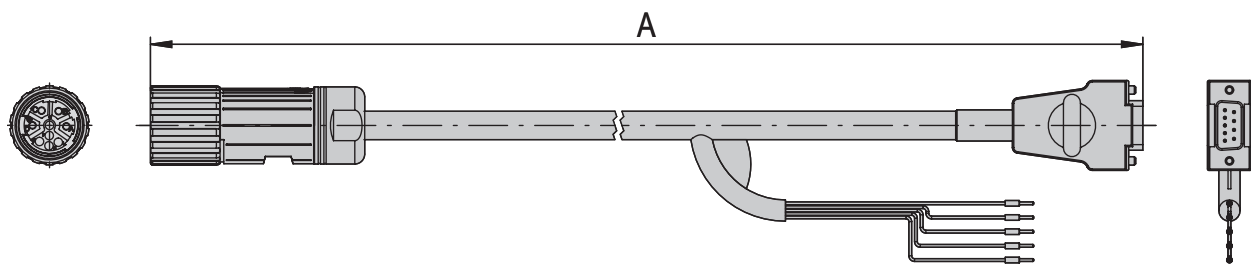


Cables

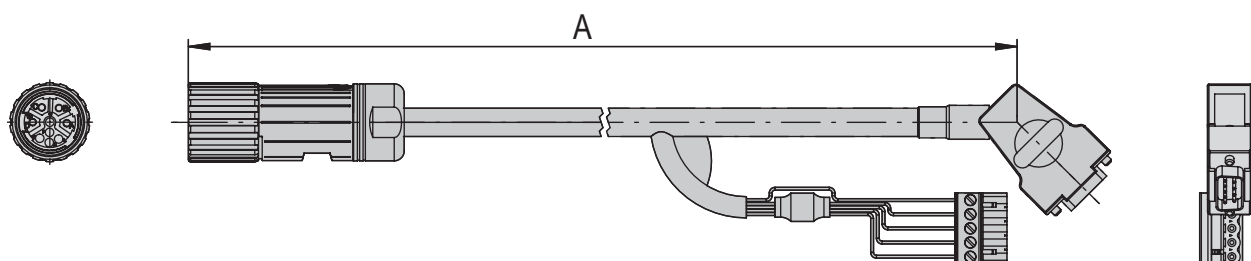
Motor cable-M20-0-2-1	4m-0-2-1	6m-0-2-1	8m-0-2-1
Order number	50463089	50463091	50463093
Net weight	0.6 kg	1 kg	1.3 kg
Cable Ø	9.5 mm	9.5 mm	9.5 mm
Min. bending radii	60 mm	60 mm	60 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m



Motor cable-M22-0-2-1	4m-0-2-1	6m-0-2-1	8m-0-2-1
Order number	50463100	50463101	50463103
Net weight	0.7 kg	1.1 kg	1.4 kg
Cable Ø	10.8 mm	10.8 mm	10.8 mm
Min. bending radii	100 mm	100 mm	100 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m

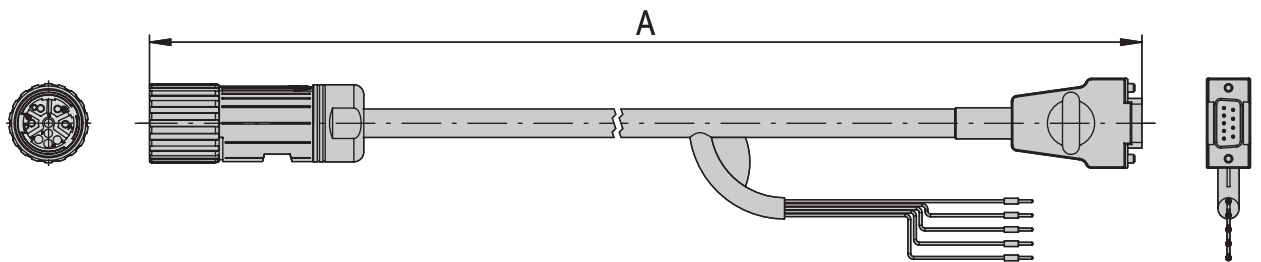


Motor cable-M23-0-1-X	4m-0-1-X	6m-0-1-X	8m-0-1-X
Order number	50463104	50463105	50463106
Net weight	1 kg	1.5 kg	2 kg
Cable Ø	11.2 mm	11.2 mm	11.2 mm
Min. bending radii	static 50 mm	static 50 mm	static 50 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m

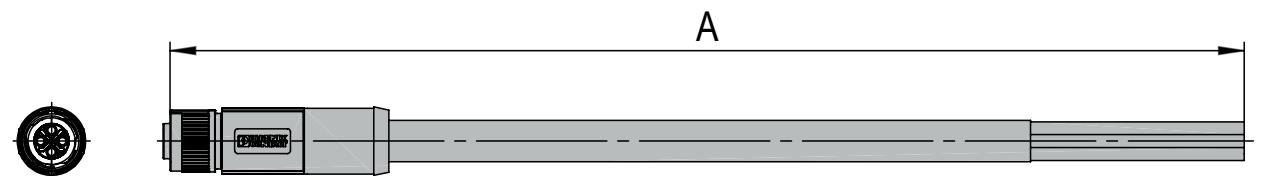


Cables

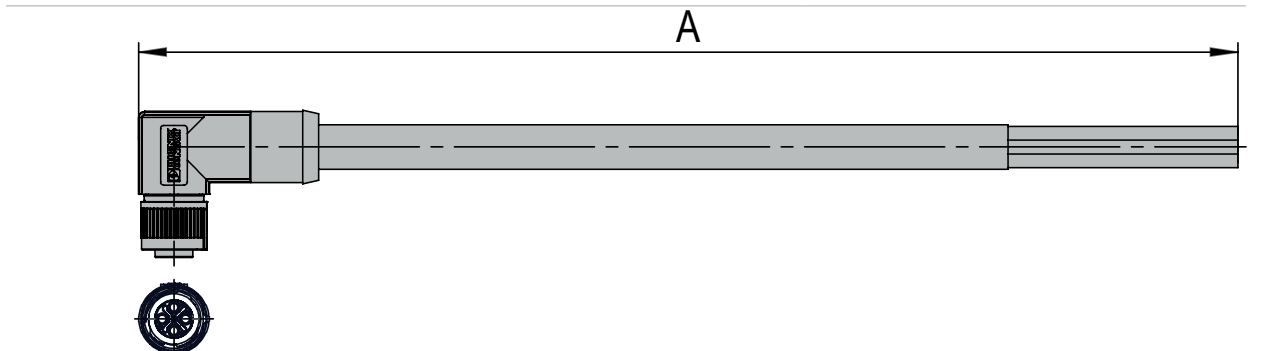
Motor cable-M24-0-2-X	4m-0-2-X	6m-0-2-X	8m-0-2-X
Order number	50463107	50463108	50463109
Net weight	1 kg	1.5 kg	2 kg
Cable Ø	11.2 mm	11.2 mm	11.2 mm
Min. bending radii	50 mm	50 mm	50 mm
Material	PUR	PUR	PUR
A	4 m	6 m	8 m



Motor cable-M27	5m-0-open-1	10m-0-open-1
Order number	50545333	50545334
Net weight	0.75 kg	1.47 kg
Cable Ø	9.7 mm	9.7 mm
Min. bending radii	97 mm	97 mm
Material	PUR	PUR
A	5 m	10 m



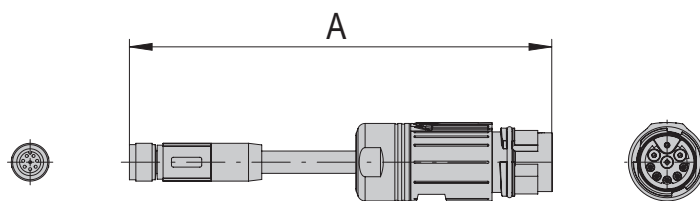
Motor cable-M27-90	5m-90-open-1	10m-90-open-1
Order number	50545335	50545336
Net weight	0.75 kg	1.48 kg
Cable Ø	9.7 mm	9.7 mm
Min. bending radii	97 mm	97 mm
Material	PUR	PUR
A	5 m	10 m



Encoder cables

Adapter ES8/12 cable M16

Order number	50455642
Net weight	0.1 kg
Cable Ø	11.2 mm
Min. bending radii	static 50
Material	PUR
A	0.11 m

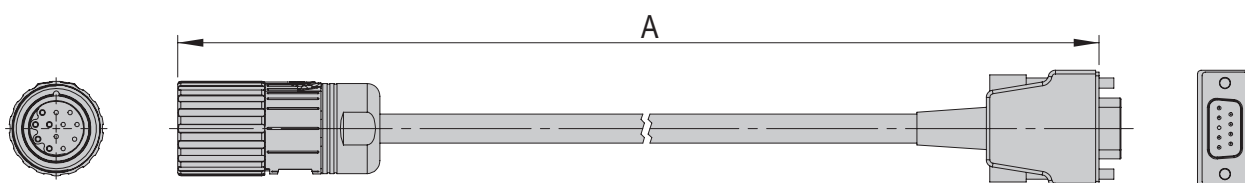


Encoder cable-G5

5m-0-0-1

10m-0-0-1

Order number	50075695	50224183
Net weight	0.4 kg	0.7 kg
Cable Ø	7 mm	7 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m

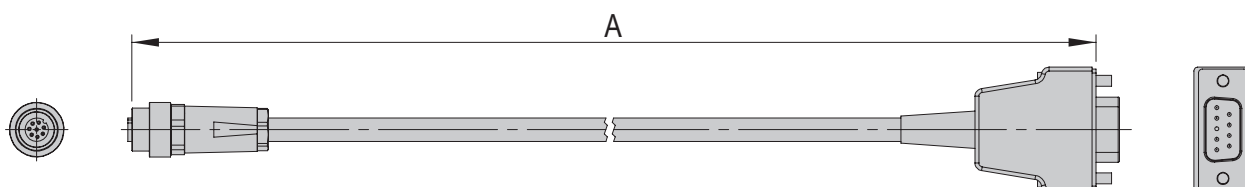


Encoder cable-G6

5m-0-0-1

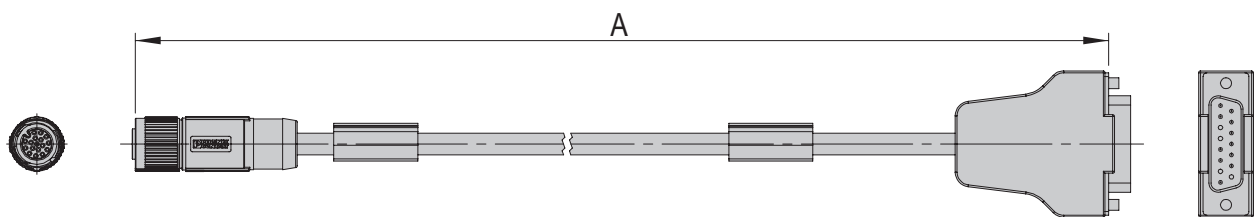
10m-0-0-1

Order number	50100693	50224185
Net weight	0.2 kg	0.4 kg
Cable Ø	7 mm	7 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m



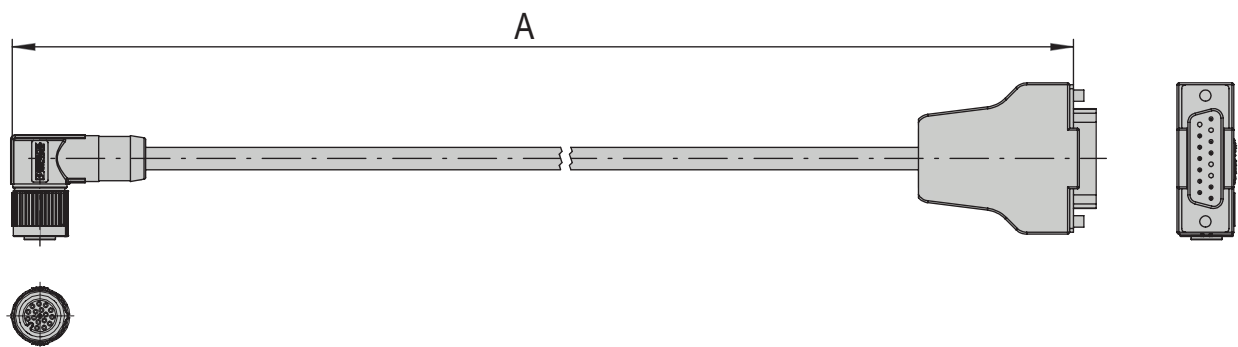
Encoder cables

Encoder cable-G10	5m-0-0-1	10m-0-0-1
Order number	50297199	50310508
Net weight	0.6 kg	1.2 kg
Cable Ø	9.2 mm	9.2 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m



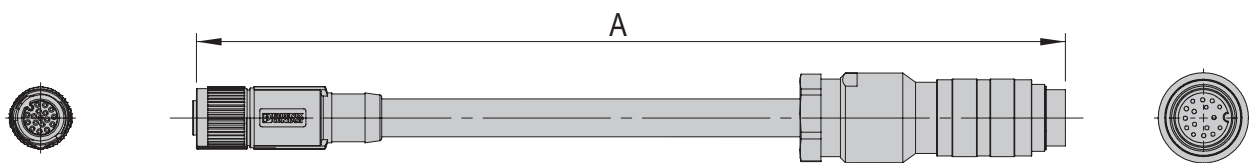
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Encoder cable-G10-90	5m-90-0-1	10m-90-0-1
Order number	50297200	50310509
Net weight	0.6 kg	1.1 kg
Cable Ø	9.2 mm	9.2 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	5 m	10 m

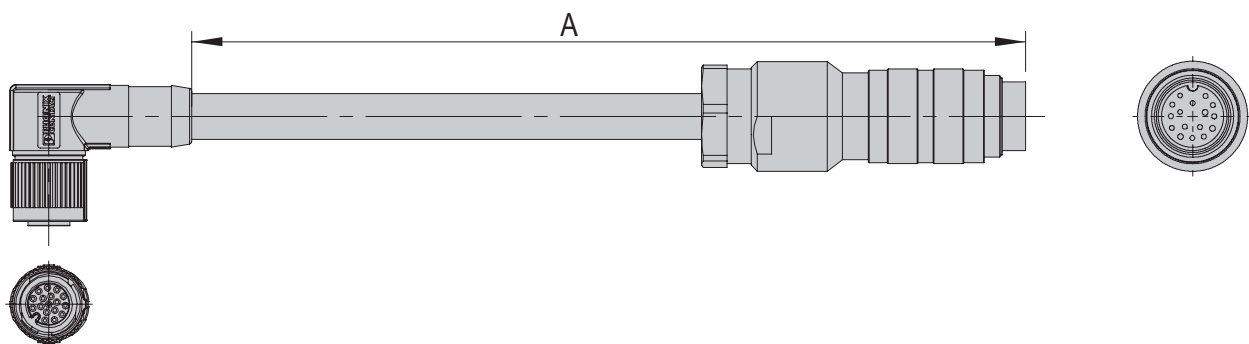


Encoder cables

Encoder cable-G12	3m-0-0-1	5m-0-0-1
Order number	50332416	50338975
Net weight	0.4 kg	0.6 kg
Cable Ø	9.2 mm	9.2 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	3 m	5 m

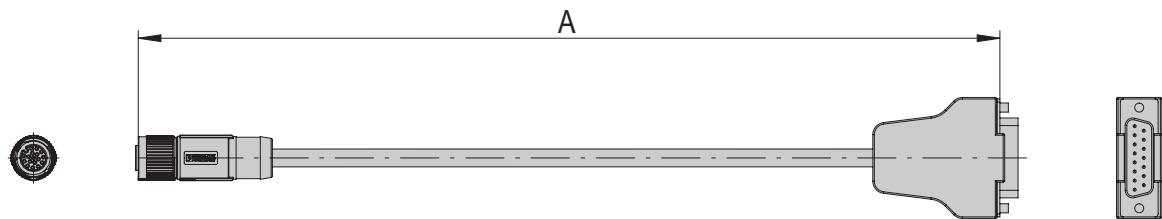


Encoder cable-G12-90	3m-90-0-1	5m-90-0-1
Order number	50332417	50338976
Net weight	0.4 kg	0.6 kg
Cable Ø	9.2 mm	9.2 mm
Min. bending radii	90 mm	90 mm
Material	PUR	PUR
A	3 m	5 m



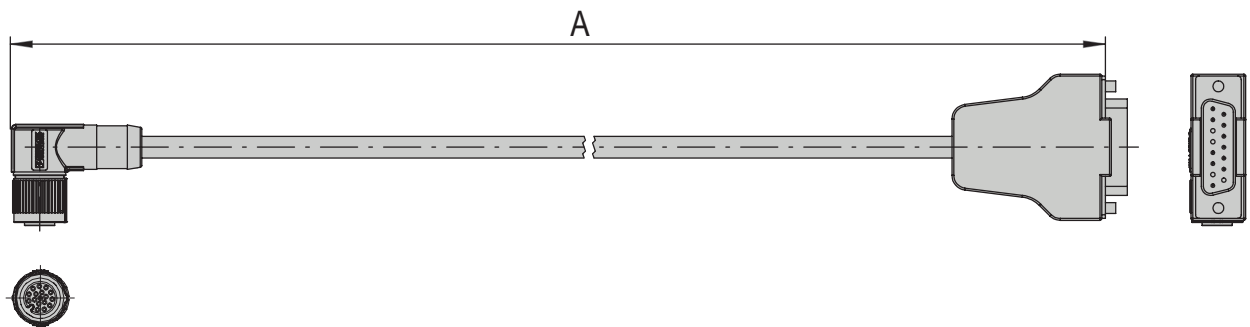
Encoder cables

Encoder cable-G14	3m-0-0-1	5m-0-0-1	10m-0-0-1
Order number	50443145	50439300	50450518
Net weight	0.2 kg	0.3 kg	0.6 kg
A	3 m	5 m	10 m

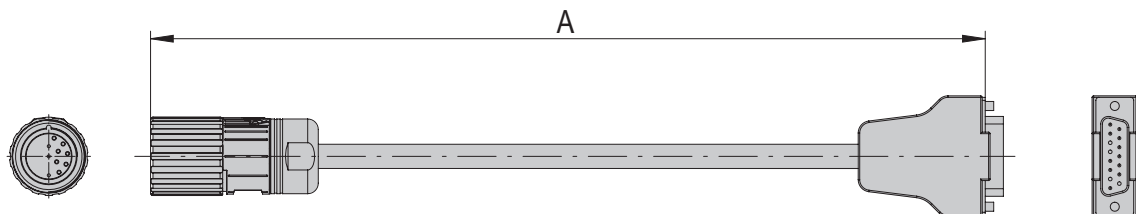


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Encoder cable-G14-90	3m-90-0-1	5m-90-0-1	10m-90-0-1
Order number	50450519	50450520	50450521
Net weight	0.1 kg	0.2 kg	0.4 kg
A	3 m	5 m	10 m

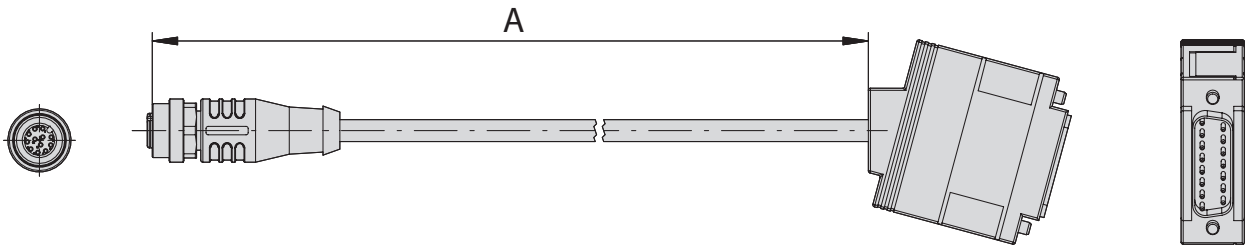


Encoder cable-G16	5m-0-0-1	10m-0-0-1
Order number	50450376	50446252
Net weight	0.4 kg	0.8 kg
A	5 m	10 m

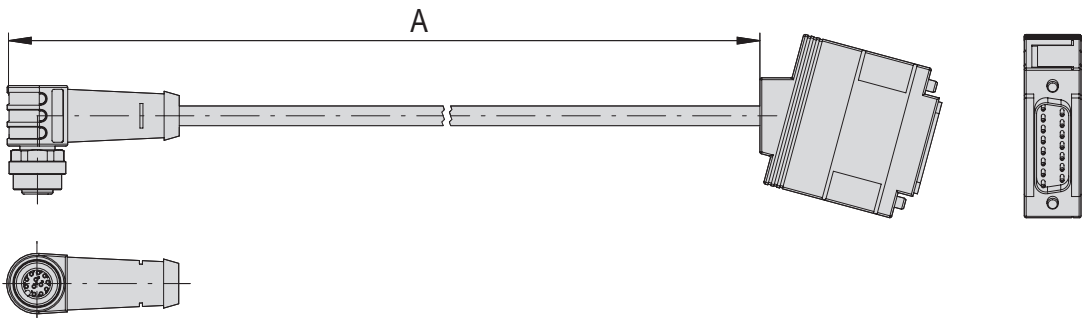


Encoder cables

Encoder cable-G18		10m-0-0-1
Order number		50468310
Net weight		0.6 kg
A		10 m

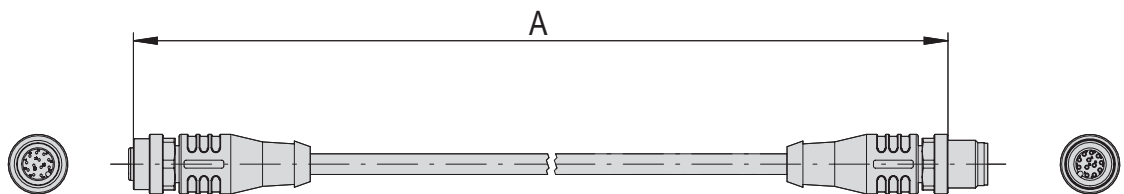


Encoder cable-G18-90		10m-90-0-1
Order number		50468311
Net weight		0.6 kg
A		10 m

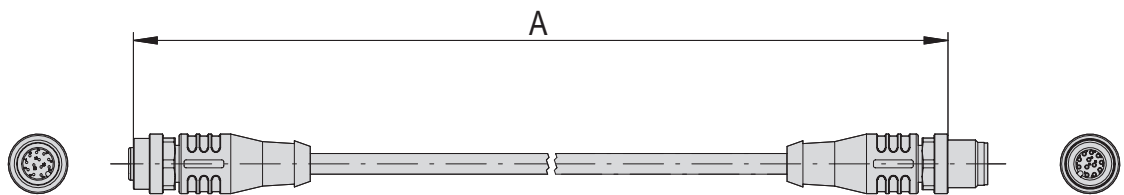


Encoder cables

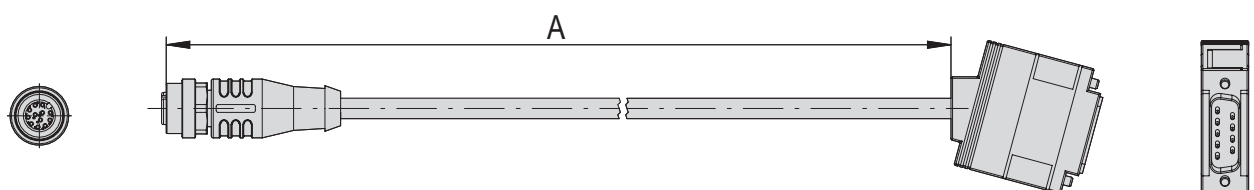
Extension-G18	2m-0-0-1
Order number	50468312
Net weight	0.1 kg
A	2 m



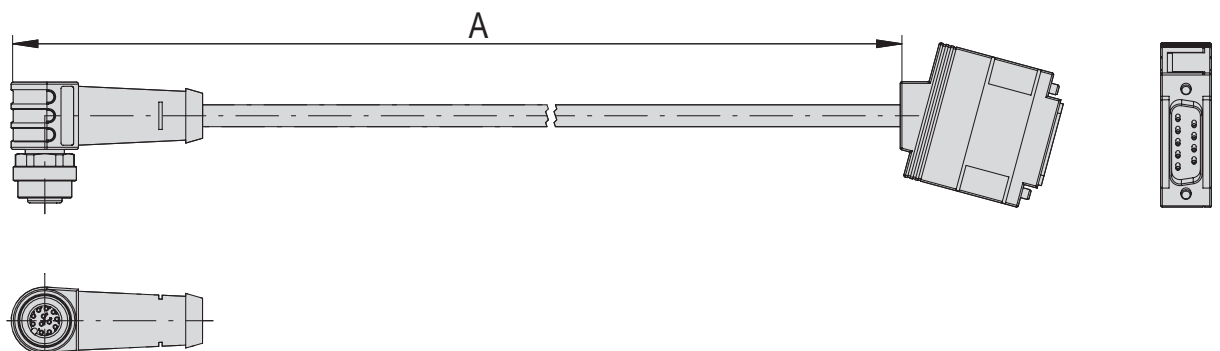
Extension-G18	5m-0-0-1
Order number	50468313
Net weight	0.3 kg
A	5 m



Encoder cable-G19	10m-0-0-1
Order number	50468314
Net weight	0.6 kg
A	10 m

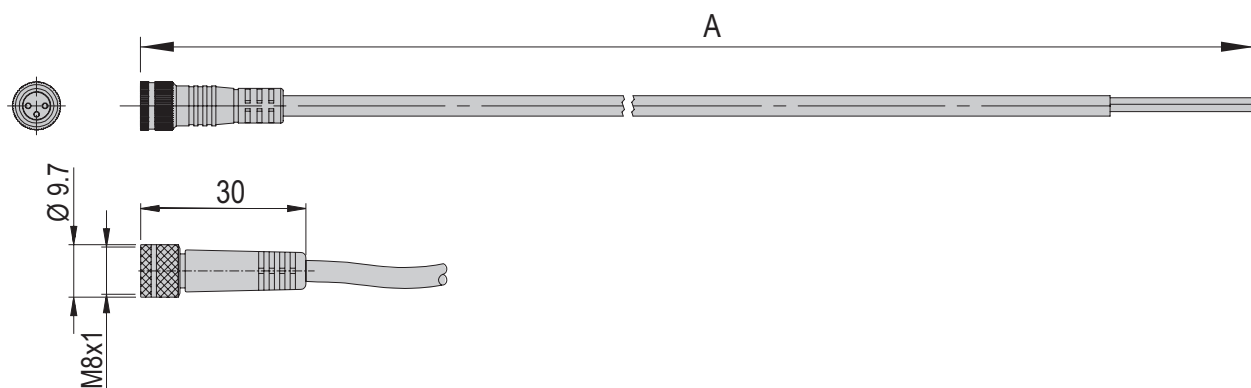


Encoder cable-G19-90	10m-0-0-1
Order number	50468315
Net weight	0.6 kg
A	10 m

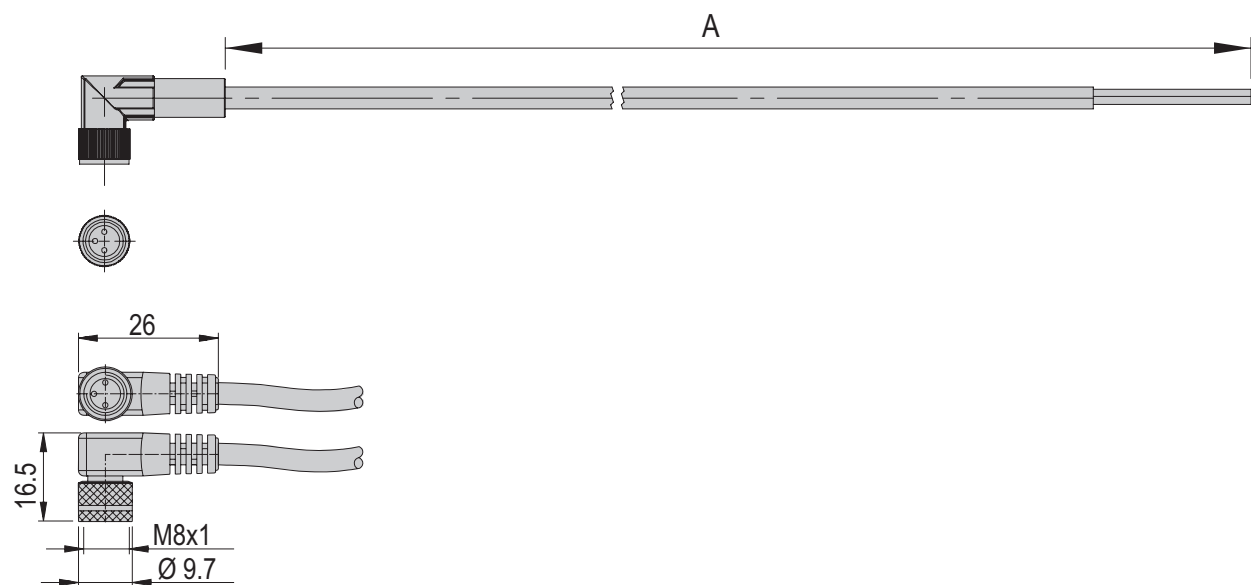


Proximity switch cables

Proximity switch cable-R1	2m-0-open	3m-0-open	5m-0-open	10m-0-open
Order number	11006443	50340925	11006446	50072072
Net weight	0.03 kg	0.03 kg	0.1 kg	0.2 kg
Cable Ø	4.5 mm	4.5 mm	4.5 mm	4.5 mm
Min. bending radii	50 mm	50 mm	50 mm	50 mm
Material	PUR	PUR	PUR	PUR
A	2 m	3 m	5 m	10 m

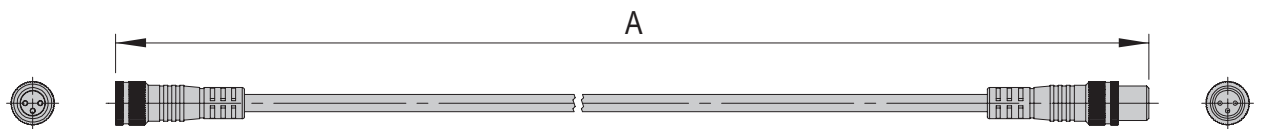


Proximity switch cable-R1-90	2m-90-open	3m-90-open	5m-90-open	10m-90-open
Order number	11006447	50340954	11007826	50310513
Net weight	0.04 kg	0.04 kg	0.1 kg	0.2 kg
Cable Ø	4.5 mm	4.5 mm	4.5 mm	4.5 mm
Min. bending radii	50 mm	50 mm	50 mm	50 mm
Material	PUR	PUR	PUR	PUR
A	2 m	3 m	5 m	10 m



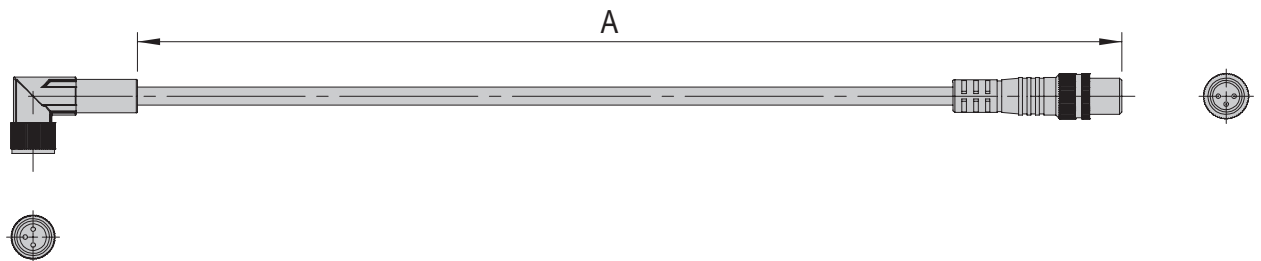
Proximity switch cables

Proximity switch cable-R2	0.6m-0-0	3m-0-0	5m-0-0
Order number	11015003	50340271	11017754
Net weight	0.04 kg	0.07 kg	0.1 kg
Cable Ø	4.5 mm	4.5 mm	4.5 mm
Min. bending radii	50 mm	50 mm	50 mm
Material	PUR	PUR	PUR
A	0.6 m	3 m	5 m

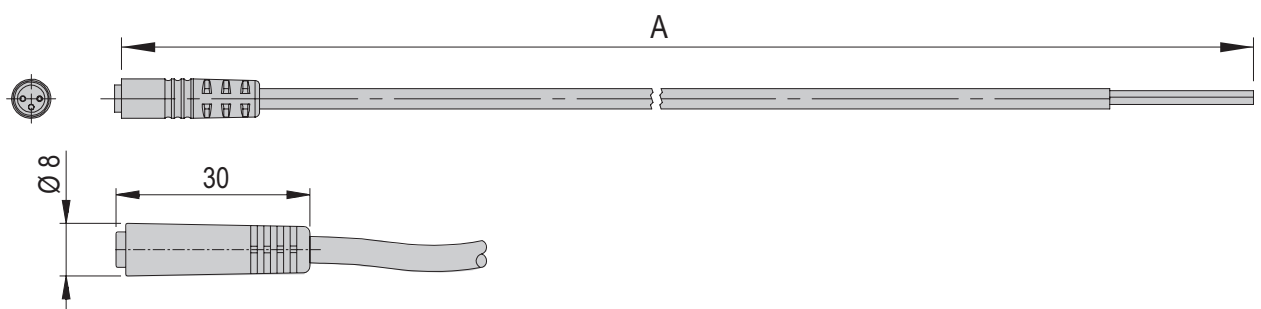


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Proximity switch cable-R2-90	3m-90-0	5m-90-0
Order number	50340272	50340903
Net weight	0.08 kg	0.1 kg
Cable Ø	4.5 mm	4.5 mm
Min. bending radii	50 mm	50 mm
Material	PUR	PUR
A	3 m	5 m

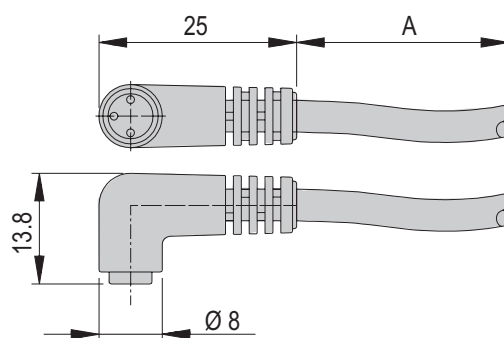


Proximity switch cable-R3	2m-0-open	5m-0-open	10m-0-open
Order number	11006428	11006431	50098553
Net weight	0.03 kg	0.1 kg	0.2 kg
Cable Ø	4.5 mm	4.5 mm	4.5 mm
Min. bending radii	50 mm	50 mm	50 mm
Material	PVC	PVC	PVC
A	2 m	5 m	10 m

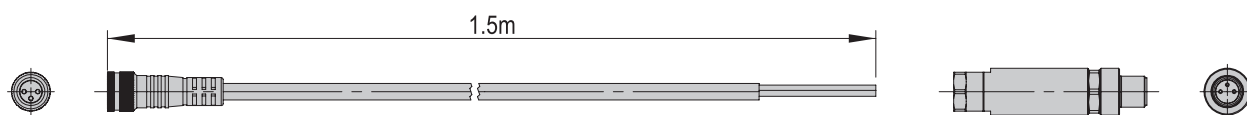


Proximity switch cables

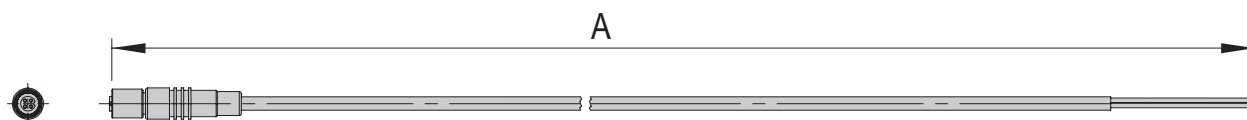
Proximity switch cable-R3-90	2m-90-open	5m-90-open
Order number	11006429	11006430
Net weight	0.03 kg	0.1 kg
Cable Ø	4.5 mm	4.5 mm
Min. bending radii	50 mm	50 mm
Material	PVC	PVC
A	2 m	5 m



Proximity switch cable-R6	1.5m-0-0
Order number	50164838
Net weight	0.07 kg
Cable Ø	4.5 mm
Min. bending radii	50 mm
Material	PUR

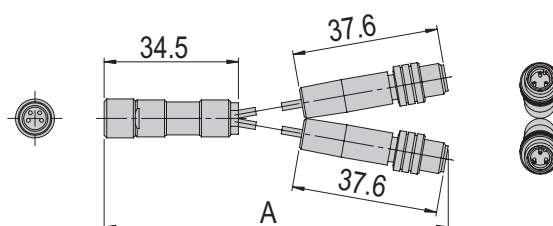


Proximity switch cable-R8	3m-0-open	5m-0-open	10n-0-open
Order number	50340912	50265807	50310514
Net weight	0.04 kg	0.07 kg	0.1 kg
Cable Ø	4.5 mm	4.5 mm	4.5 mm
Min. bending radii	50 mm	50 mm	50 mm
Material	PUR	PUR	PUR
A	3 m	5 m	10 m



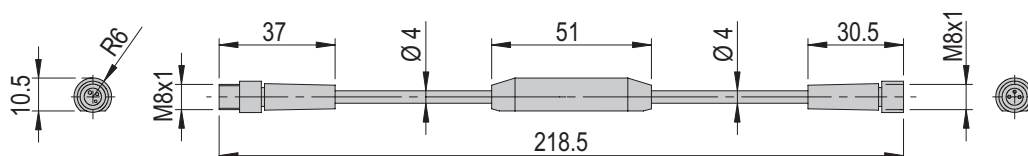
Proximity switch cables

Proximity switch cable-R10		0.1m-0-00
Order number		50386489
Net weight		0.05 kg
Cable Ø		3 mm
Min. bending radii		50 mm
Material		PUR
A		0.1 m



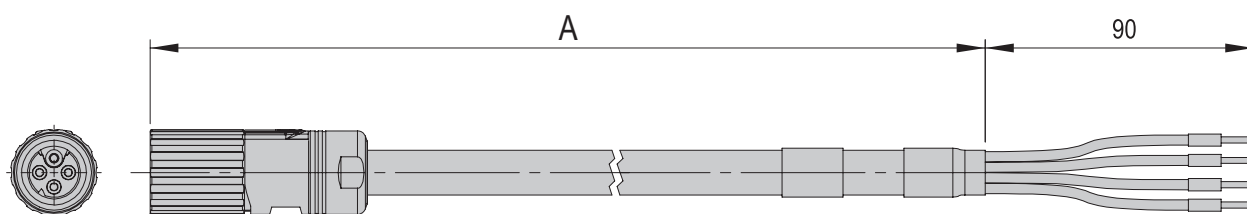
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Converter PNP/NPN		50113272
Net weight		0.01 kg
Cable Ø		4 mm



Power cables

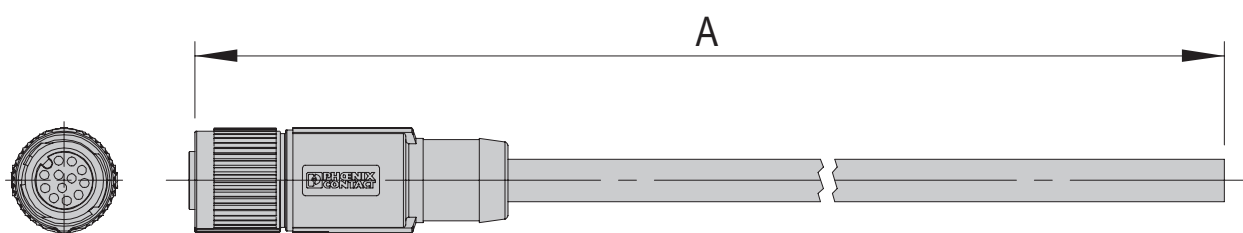
Power cabel SE-24		50118124	50235739
Net weight		1.1 kg	0.3 kg
Cable Ø		11.3 mm	11.3 mm
Material		PVC	PVC
A		5 m	10 m



I/O cables

I/O cable SE-24

Order number	50312913	50342940
Net weight	0.03 kg	0.06 kg
Cable Ø	6 mm	6 mm
Material	PVC	PVC
A	5 m	10 m

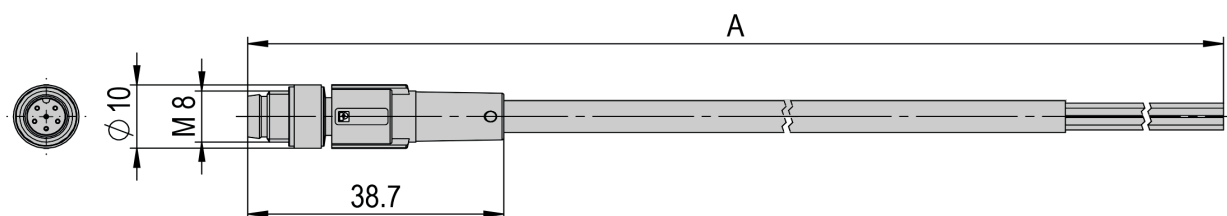


Sensor-actuator cables

Sensor-actuator cable-S1

0.6m-0-open-1

Order number	50512492
Net weight	0.04 kg
Cable Ø	5 mm
Material	PUR
A	0.6 m

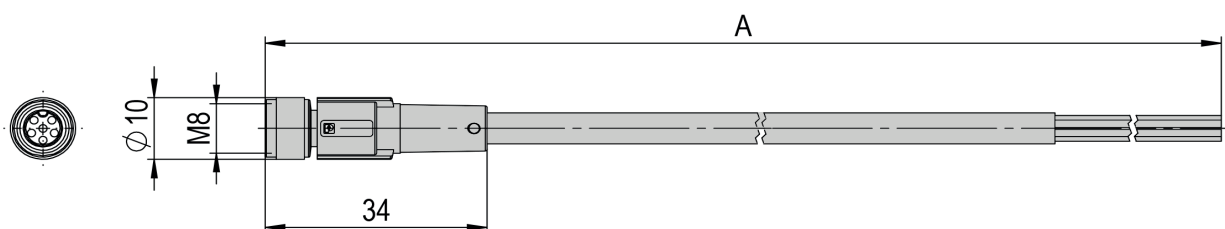


Sensor-actuator cables

Sensor-actuator cable-S2 5m-0-open-1

Order number **50512467**

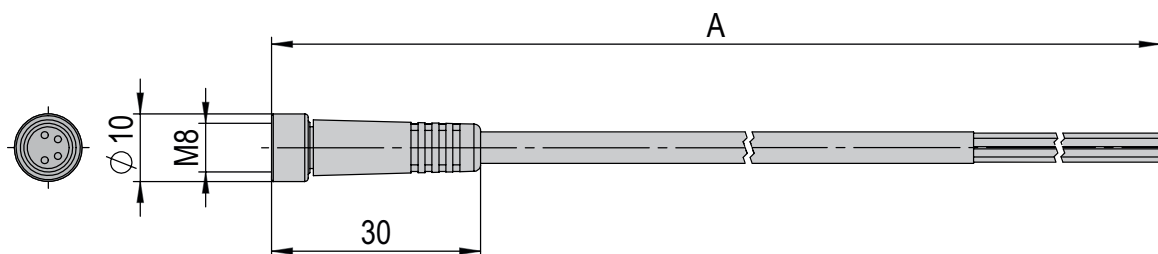
Net weight	0.20 kg
Cable Ø	5 mm
Material	PUR
A	5 m



Sensor-actuator cable-S3 2m-0-open-1 5m-0-open-1

Order number **50359710** **11007828**

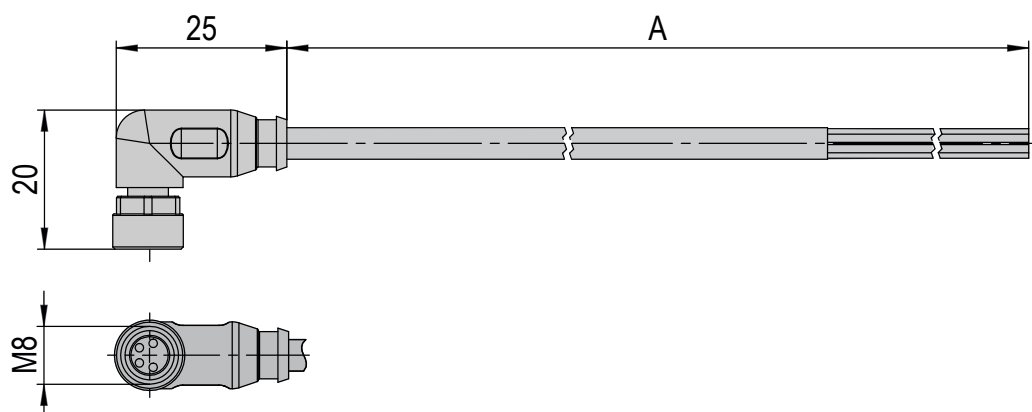
Net weight	0.01 kg	0.01 kg
Cable Ø	5 mm	5 mm
Material	PUR	PUR
A	2 m	5 m



Sensor-actuator cable-S3 2m-90-open-1 5m-90-open-1

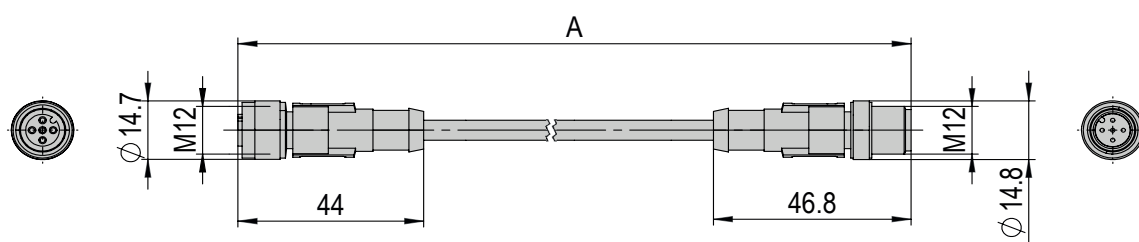
Order number **50551477** **50551478**

Net weight	0.01 kg	0.01 kg
Cable Ø	5 mm	5 mm
Material	PUR	PUR
A	2 m	5 m

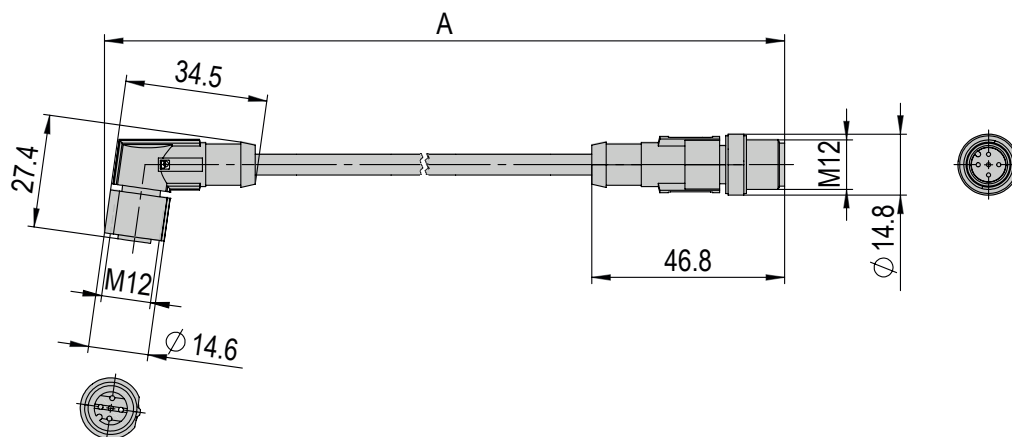


Sensor-actuator cables

Sensor-actuator cable-S4	1.5m-0-0-2	3m-0-0-2
Order number	50573863	50573865
Net weight	0.071 kg	0.120 kg
Cable Ø	5 mm	5 mm
Min. bending radii	40 mm	40 mm
Material	PUR	PUR
A	1.5 m	3 m

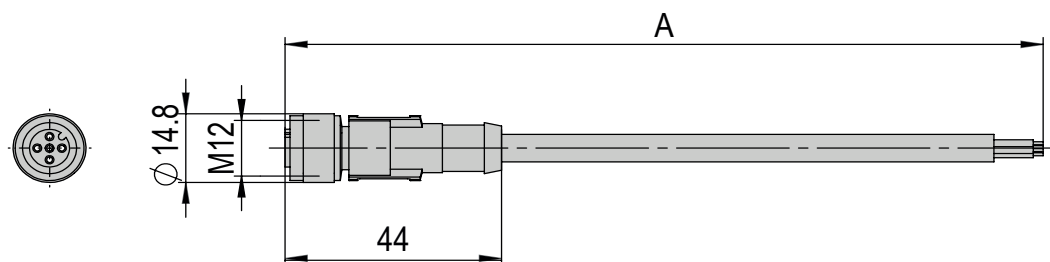


Sensor-actuator cable-S4	1.5m-90-0-2	3m-90-0-2
Order number	50573864	50573866
Net weight	0.078 kg	0.127 kg
Cable Ø	5 mm	5 mm
Min. bending radii	40 mm	40 mm
Material	PUR	PUR
A	1.5 m	3 m



Sensor-actuator cables

Sensor-actuator cable-S4	5m-0-open-2	10m-0-open-2
Order number	50573867	50573870
Net weight	0.185 kg	0.351 kg
Cable Ø	5 mm	5 mm
Min. bending radii	40 mm	40 mm
Material	PUR	PUR
A	5 m	10 m



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Sensor-actuator cable-S4	5m-90-open-2	10m-90-open-2
Order number	50573868	50573871
Net weight	0.185 kg	0.351 kg
Cable Ø	5 mm	5 mm
Min. bending radii	40 mm	40 mm
Material	PUR	PUR
A	5 m	10 m

