

\* Technical information on the cable quality Code **01-31**: ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Motor cables</b>				
<b>Basic cable</b>				
<b>2090-CPWM4DF-08AFxx</b>				
PVC M.I.	01	MAT9761795	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861793	(4G10)C	18.0 10
TPE F	02	MAT9961791	(4G10)C	18.5 7.5
TPE H*	03	MAT9961790	(4G10)C	18.5 7.5
<b>2090-CPWM4DF-10AFxx</b>				
PVC M.I.	01	MAT9761796	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861794	(4G6.0)C	15.0 10
TPE F	02	MAT9961793	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961792	(4G6.0)C	16.0 7.5

**Basic cable**

<b>2090-CPWM4DF-12AFxx</b>				
PVC M.I.	01	MAT9761797	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861795	(4G4.0)C	13.0 10
TPE F	02	MAT9961795	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9961794	(4G4.0)C	13.0 7.5
<b>2090-CPWM4DF-14AFxx</b>				
PVC M.I.	01	MAT9761798	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861796	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861798	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961797	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9961796	(4G2.5)C	11.5 7.5
<b>2090-CPWM4DF-16AFxx</b>				
PVC M.I.	01	MAT9761799	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861797	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861799	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961799	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9961798	(4G1.5)C	10.0 7.5

**Basic cable**

<b>2090-CPWM7DF-02AF</b>				
PVC M.I.	01	MAT9761715	(4G35)C	31.0 7.5
PUR O.I.	06	MAT9861711	(4G35)C	33.0 10
<b>2090-CPWM7DF-04AF</b>				
PVC M.I.	01	MAT9761714	(4G25)C	27.5 7.5
PUR O.I.	06	MAT9861710	(4G25)C	25.5 10
TPE F	02	MAT9961725	(4G25)C	27.5 7.5
TPE H*	03	MAT9961726	(4G25)C	27.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Motor cables</b>				
<b>2090-CPWM7DF-06AF</b>				
PVC M.I.	01	MAT9761713	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861709	(4G16)C	22.0 10
TPE F	02	MAT9961723	(4G16)C	23.0 7.5
TPE H*	03	MAT9961724	(4G16)C	23.0 7.5
<b>2090-CPWM7DF-08AFxx</b>				
PVC M.I.	01	MAT9761704	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861706	(4G10)C	18.0 10
TPE F	02	MAT9961707	(4G10)C	18.5 7.5
TPE H*	03	MAT9961708	(4G10)C	18.5 7.5
<b>2090-CPWM7DF-10AFxx</b>				
PVC M.I.	01	MAT9761703	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861705	(4G6.0)C	15.0 10
TPE F	02	MAT9961705	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961706	(4G6.0)C	16.0 7.5

**Basic cable**

<b>2090-CPWM7DF-12AFxx</b>				
PVC M.I.	01	MAT9761702	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861704	(4G4.0)C	13.0 10
TPE F	02	MAT9961709	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9961704	(4G4.0)C	13.0 7.5
<b>2090-CPWM7DF-14AFxx</b>				
PVC M.I.	01	MAT9761701	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861703	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861702	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961710	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9961711	(4G2.5)C	11.5 7.5
<b>2090-CPWM7DF-16AFxx</b>				
PVC M.I.	01	MAT9761758	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861760	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861759	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961761	(4G1.5)C	10.0 7.5

**Basic cable**

<b>2090-XX_PMP-10SXX</b>				
PVC M.I.	01	MAT9761712	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9961718	(4G6.0)C	15.0 10
TPE F	02	MAT9961703	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961715	(4G6.0)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
----------------	----------	---	-----------	-----------------

## Allen-Bradley/Rockwell Motor cables

## Basic cable



## 2090-XX\_PMP-14SXX

PVC M.I.	<b>01</b>	MAT9761711	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9961717	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9851711	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961702	(4G2.5)C	11.5	7.5
TPE H*	<b>03</b>	MAT9961714	(4G2.5)C	11.5	7.5

## 2090-XX\_PMP-16SXX

PVC M.I.	<b>01</b>	MAT9761710	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9961716	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861701	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961701	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9961713	(4G1.5)C	10.0	7.5

## Extension cable



## 2090-CPWM7E7-08AF

PUR O.I.	<b>06</b>	MAT9861716	(4G10)C	18.0	10
----------	-----------	------------	---------	------	----

## 2090-CPWM7E7-10AF

PUR O.I.	<b>06</b>	MAT9861715	(4G6.0)C	15.0	10
----------	-----------	------------	----------	------	----

## Extension cable



## 2090-CPWM7E7-12AF

PUR O.I.	<b>06</b>	MAT9861714	(4G4.0)C	13.0	10
----------	-----------	------------	----------	------	----

## 2090-CPWM7E7-14AF

PUR O.I.	<b>06</b>	MAT9861713	(4G2.5)C	11.5	10
----------	-----------	------------	----------	------	----

## 2090-CPWM7E7-16AF

PUR O.I.	<b>06</b>	MAT9861712	(4G1.5)C	10.0	10
----------	-----------	------------	----------	------	----

## Allen-Bradley/Rockwell Servo cables

## Basic cable



## 2090-CPBM4DF-08AFxx

PVC M.I.	<b>05</b>	MAT9751799	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	<b>06</b>	MAT9851798	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	<b>07</b>	MAT9851799	(4G10+(2x1.5)C)C	21.0	7.5

## 2090-CPBM4DF-10AFxx

PVC O.I.	<b>04</b>	MAT9751797	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	<b>05</b>	MAT9751798	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	<b>06</b>	MAT9851796	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	<b>07</b>	MAT9851797	(4G6.0+(2x1.5)C)C	17.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
----------------	----------	---	-----------	-----------------

## Allen-Bradley/Rockwell Servo cables

## Basic cable



## 2090-CPBM4DF-12AFxx

PVC O.I.	<b>04</b>	MAT9751795	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	<b>05</b>	MAT9751796	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9851794	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	<b>07</b>	MAT9851795	(4G4.0+(2x1.5)C)C	16.0	7.5

## 2090-CPBM4DF-14AFxx

PVC O.I.	<b>04</b>	MAT9751791	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	<b>05</b>	MAT9751792	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	<b>06</b>	MAT9851790	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	<b>07</b>	MAT9851791	(4G2.5+(2x1.5)C)C	14.5	7.5

## 2090-CPBM4DF-16AFxx

PVC O.I.	<b>04</b>	MAT9751757	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	<b>05</b>	MAT9751756	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	<b>06</b>	MAT9851755	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	<b>07</b>	MAT9851754	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 2090-CPBM7DF-02AF

PUR M.I.	<b>07</b>	MAT9851745	(4G35+(2x1.5)C)C	32.0	7,5
----------	-----------	------------	------------------	------	-----

## 2090-CPBM7DF-04AF

PUR O.I.	<b>06</b>	MAT9851743	(4G25+(2x1.5)C)C	28.5	10
PUR M.I.	<b>07</b>	MAT9851744	(4G25+(2x1.5)C)C	28.0	7.5

## Basic cable



## 2090-CPBM7DF-06AF

PUR O.I.	<b>06</b>	MAT9851741	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	<b>07</b>	MAT9851742	(4G16+(2x1.5)C)C	24.0	7.5

## 2090-CPBM7DF-08AFxx

PVC M.I.	<b>05</b>	MAT9751745	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	<b>06</b>	MAT9851736	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	<b>07</b>	MAT9851735	(4G10+(2x1.5)C)C	21.0	7.5

## 2090-CPBM7DF-10AFxx

PVC O.I.	<b>04</b>	MAT9751706	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	<b>05</b>	MAT9751705	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	<b>06</b>	MAT9851712	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	<b>07</b>	MAT9851705	(4G6.0+(2x1.5)C)C	17.5	7.5

## 2090-CPBM7DF-12AFxx

PVC O.I.	<b>04</b>	MAT9751793	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	<b>05</b>	MAT9751794	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9851792	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	<b>07</b>	MAT9851793	(4G4.0+(2x1.5)C)C	16.0	7.5

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Servo cables</b>				
<b>Basic cable</b>				
<b>2090-CPBM7DF-14AFxx</b>				
PVC O.I.	04	MAT9751744	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751743	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851734	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851733	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-CPBM7DF-16AFxx</b>				
PVC O.I.	04	MAT9751742	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751741	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851732	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851731	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>2090-XX_PMF-10SXX</b>				
PVC O.I.	04	MAT9711730	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9961722	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9811726	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851708	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>Basic cable</b>				
<b>2090-XX_PMF-14SXX</b>				
PVC O.I.	04	MAT9711729	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9961721	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9811725	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851707	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-XX_PMF-16SXX</b>				
PVC O.I.	04	MAT9711728	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9961720	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9811724	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851706	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Extension cable</b>				
<b>2090-CPBM7E7-08AFxx</b>				
PVC M.I.	05	MAT9751709	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851710	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851709	(4G10+(2x1.5)C)C	21.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Servo cables</b>				
<b>2090-CPBM7E7-10AFxx</b>				
PVC O.I.	04	MAT9751708	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751707	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851714	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851713	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>Extension cable</b>				
<b>2090-CPBM7E7-12AFxx</b>				
PVC O.I.	04	MAT9751789	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751790	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851788	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851789	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-CPBM7E7-14AFxx</b>				
PVC O.I.	04	MAT9751747	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751746	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851738	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851737	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-CPBM7E7-16AFxx</b>				
PVC O.I.	04	MAT9751749	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751748	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851740	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851739	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Allen-Bradley/Rockwell Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>2090-CSBM1DE-10AF</b>				
PUR O.I.	27	MAT9851723	(4G6.0+(2x1.0)C)+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSBM1DE-14AF</b>				
PVC O.I.	26	MAT9751711	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851720	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1DE-18AF</b>				
PVC O.I.	26	MAT9751710	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851719	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>2090-CSBM1DF-10AF</b>				
PUR O.I.	27	MAT9851717	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>2090-CSBM1DF-14AF</b>				
PVC O.I.	26	MAT9751703	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851703	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1DF-18AF</b>				
PVC O.I.	26	MAT9751701	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851701	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Basic cable</b>				
<b>2090-CSBM1DG-10AF</b>				
PUR O.I.	27	MAT9851750	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSBM1DG-14AF</b>				
PVC O.I.	26	MAT9751719	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851747	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1DG-18AF</b>				
PVC O.I.	26	MAT9751718	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851746	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Basic cable</b>				
<b>2090-CSWM1DE-10AF</b>				
PUR O.I.	27	MAT9851724	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSWM1DE-14AF</b>				
PVC O.I.	26	MAT9751713	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851722	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSWM1DE-18AF</b>				
PVC O.I.	26	MAT9751712	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851721	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>2090-CSWM1DF-10AF</b>				
PUR O.I.	27	MAT9851718	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSWM1DF-14AF</b>				
PVC O.I.	26	MAT9751704	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851704	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSWM1DF-18AF</b>				
PVC O.I.	26	MAT9751702	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851702	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Basic cable</b>				
<b>2090-CSWM1DG-10AF</b>				
PUR O.I.	27	MAT9851751	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSWM1DG-14AF</b>				
PVC O.I.	26	MAT9751721	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851749	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSWM1DG-18AF</b>				
PVC O.I.	26	MAT9751720	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851748	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Extension cable</b>				
<b>2090-CSBM1E1-10AF</b>				
PUR O.I.	27	MAT9851729	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Extension cable</b>				
<b>2090-CSBM1E1-14AF</b>				
PVC O.I.	26	MAT9751715	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851726	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1E1-18AF</b>				
PVC O.I.	26	MAT9751714	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851725	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
----------------	----------	---	-----------	-----------------

### Allen-Bradley/Rockwell Hybrid servo cables

#### Extension cable



#### 2090-CSWM1E1-10AF

PUR O.I.	27	MAT9851730	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5	10
----------	----	------------	------------------------------	------	----

#### Extension cable



#### 2090-CSWM1E1-14AF

PVC O.I.	26	MAT9751717	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5	10
----------	----	------------	------------------------------	------	----

PUR O.I.	27	MAT9851728	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5	10
----------	----	------------	------------------------------	------	----

#### 2090-CSWM1E1-18AF

PVC O.I.	26	MAT9751716	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0	10
----------	----	------------	-------------------------------	------	----

PUR O.I.	27	MAT9851727	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0	10
----------	----	------------	-------------------------------	------	----

### Allen-Bradley/Rockwell Brake cables

#### Basic cable



#### 2090-UX\_BMP-18SXX

PVC M.I.	18	MAT9711727	(3G0.75)C	8.0	7.5
----------	----	------------	-----------	-----	-----

PVC OIL	20	MAT9961719	(3G0.75)C	8.0	6.8
---------	----	------------	-----------	-----	-----

PUR M.I.	22	MAT9811705	(3G0.75)C	8.0	6.8
----------	----	------------	-----------	-----	-----

### Allen-Bradley/Rockwell Feedback cables

#### Basic cable



#### 2090-CFBM4DF-CDAFxx

PUR O.I.	09	MAT9841775	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9841753	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941768	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

#### 2090-CFBM4DF-CEAFxx

PUR O.I.	09	MAT9841796	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9841798	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941799	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

#### Basic cable



#### 2090-CFBM7DD-CDAFxx

PUR M.I.	10	MAT9841795	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

#### 2090-CFBM7DD-CEAFxx

PUR M.I.	10	MAT9841797	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
----------------	----------	---	-----------	-----------------

### Allen-Bradley/Rockwell Feedback cables

#### Basic cable



#### 2090-CFBM7DF-CDAFxx

PUR O.I.	09	MAT9841771	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9841750	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941764	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

#### 2090-CFBM7DF-CEAFxx

PUR O.I.	09	MAT9841774	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9841752	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941767	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

#### Basic cable



#### 2090-XX\_FMF-Sxx

PUR O.I.	09	MAT9941709	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9841770	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941763	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

#### Basic cable



#### 2090-XX\_FMP-Sxx

PUR O.I.	09	MAT9841769	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9941704	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941762	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

#### Extension cable



#### 2090-CFBM7E7-CDAFxx

PUR O.I.	09	MAT9841772	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9841751	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941765	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

#### 2090-CFBM7E7-CEAFxx

PUR O.I.	09	MAT9841773	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

PUR M.I.	10	MAT9741776	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
----------	----	------------	-------------------------------------	------	-----

TPE H*	11	MAT9941766	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
--------	----	------------	-------------------------------------	------	-----

### Allen-Bradley/Rockwell Adapter cables (transition cables)

#### Basic cable



#### 2090-CFBM4E2-CATR

PUR O.I.	09	MAT9841799	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
----------	----	------------	-------------------------------------	-----	----

#### Basic cable



#### 2090-CPWM4E2-14TR

PUR O.I.	06	MAT9861792	(4G2.5)C	11.5	10
----------	----	------------	----------	------	----