

Harnessed drive cables | Stöber
PVC/PUR

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Stöber Servo cables				

Basic cable



Gr.1-Motor-1,0mm²				
PVC O.I.	04	MAT9751601	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9430001	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851601	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9420001	(4G1.0+2x(2x0.75)C)	13.5 7.5
Gr.1-Motor-1,5mm²				
PVC O.I.	04	MAT9751602	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9430002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851602	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9420002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
Gr.1-Motor-2,5mm²				
PVC O.I.	04	MAT9751603	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9430003	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851603	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9420003	(4G2.5+2x(2x1.5)C)C	16.0 7.5
Gr.1-Motor-4,0mm²				
PVC O.I.	04	MAT9751604	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9430004	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851604	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9420004	(4G4.0+2x(2x1.5)C)C	17.5 7.5

Basic cable



Gr.1,5-Motor-4,0mm²				
PVC O.I.	04	MAT9751605	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9430005	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851605	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9420005	(4G4.0+2x(2x1.5)C)C	17.5 7.5
Gr.1,5-Motor-6,0mm²				
PVC O.I.	04	MAT9751606	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9430006	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851606	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9420006	(4G6.0+2x(2x1.5)C)C	19.5 7.5
Gr.1,5-Motor-10,0mm²				
PVC M.I.	05	MAT9430007	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851607	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9420007	(4G10+2x(2x1.5)C)C	22.5 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

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PVC/PUR/TPE

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Stöber Encoder cables				

iSDS4000 Basic cable



Encoder ED/EK iSDS4000				
PVC	08	MAT9431001	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT9941601	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841601	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9421001	(4x(2x0.34)+4x0.5)C	10.0 6.8

iSDS4000 Basic cable



Encoder ES iSDS4000				
PUR O.I.	09	MAT9941602	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9841602	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9421002	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8

iHTL Basic cable



Encoder HTL				
PVC	08	MAT9431006	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841606	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421006	(4x(2x0.25)+2x0.5)C	8.5 6.8

iMDS5000 Basic cable

Encoder iMDS5000				
PVC	08	MAT9431004	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841604	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421004	(4x(2x0.25)+2x0.5)C	8.5 6.8

iMDS5000 Basic cable



Resolver iMDS5000				
PVC	08	MAT9431005	(3x(2x0.25)C)C	9.0 10
PUR M.I.	10	MAT9841605	(3x(2x0.25))C	7.5 7.5
TPE H*	11	MAT9421005	(3x(2x0.25))C	7.5 6.8

iSDS4000 Basic cable



Resolver iSDS4000				
PVC	08	MAT9431003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841603	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421003	(4x(2x0.25)+2x0.5)C	8.5 6.8

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