

Harnessed drive cables | Fanuc

PVC/PUR/TPE

* 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 ²]	Ø [mm]	R min. [x d]
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Fanuc Power cables

Basic cable



LX660-8077-T261

PVC M.I.	01	MAT9760901	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9200061	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9210061	(4G1.5)C	11.0	7.5
TPE F	02	MAT9960901	(4G1.5)C	10.0	7.5

Basic cable



LX660-8077-T264

PVC M.I.	01	MAT9760902	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200064	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9210064	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960902	(4G2.5)C	11.5	7.5

LX660-8077-T266

PVC M.I.	01	MAT9760904	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200066	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9210066	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960904	(4G2.5)C	11.5	7.5

Basic cable



LX660-8077-T265

PVC M.I.	01	MAT9760903	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200065	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9210065	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960903	(4G2.5)C	11.5	7.5

LX660-8077-T267

PVC M.I.	01	MAT9760905	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200067	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9210067	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960905	(4G2.5)C	11.5	7.5

Basic cable



LX660-8077-T270

PVC M.I.	01	MAT9760906	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200070	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9210070	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960906	(4G4.0)C	13.0	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

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PVC/PUR/TPE

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Fanuc Power cables

Basic cable



LX660-8077-T271

PVC M.I.	01	MAT9760907	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200071	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9210071	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960907	(4G4.0)C	13.0	7.5

LX660-8077-T272

PVC M.I.	01	MAT9760908	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9200072	(4G10)C	18.0	10
PUR M.I.	07	MAT9210072	(4G10+(2x1.5)C)C	21.0	7.5
TPE F	02	MAT9960908	(4G10)C	18.5	7.5

LX660-8077-T273

PVC M.I.	01	MAT9760909	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9200073	(4G10)C	18.0	10
PUR M.I.	07	MAT9210073	(4G10+(2x1.5)C)C	21.0	7.5
TPE F	02	MAT9960909	(4G10)C	18.5	7.5

Basic cable



LX660-8077-T291

PVC M.I.	01	MAT9760910	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200091	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9210091	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960910	(4G2.5)C	11.5	7.5

LX660-8077-T293

PVC M.I.	01	MAT9760912	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200093	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9210093	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960912	(4G4.0)C	13.0	7.5

Basic cable



LX660-8077-T292

PVC M.I.	01	MAT9760911	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200092	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9210092	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960911	(4G4.0)C	13.0	7.5

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* 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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Fanuc Power cables

Basic cable



LX660-8077-T296

PVC M.I.	01	MAT9760913	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200096	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9210096	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960913	(4G2.5)C	11.5	7.5

Basic cable



LX660-8077-T298

PVC M.I.	01	MAT9760914	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200098	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9210098	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960914	(4G4.0)C	13.0	7.5

Basic cable



LX660-8077-T300

PVC M.I.	01	MAT9760915	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200300	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9210300	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960915	(4G2.5)C	11.5	7.5

Fanuc Servo cables

Basic cable



LX660-8077-T259

PUR O.I.	06	MAT9850916	(4G1.5)C	10.0	10
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Basic cable



LX660-8077-T274

PUR O.I.	06	MAT9850921	(4G2.5)C	11.5	10
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LX660-8077-T416

PUR O.I.	06	MAT9850923	(4G1.5+(2x1.5)C)	12.5	10
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LX660-8077-T451

PUR O.I.	06	MAT9850920	(4G2.5)C	11.5	10
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Harnessed drive cables | Fanuc

PVC/PUR/TPE

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Fanuc Servo cables

Basic cable



LX660-8077-T470

PUR O.I.	06	MAT9850925	(4G4.0)C	13.0	10
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Basic cable



LX660-8077-T471

PUR O.I.	06	MAT9850917	(4G4.0)C	13.0	10
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Fanuc Brake cables

Basic cable



LX660-8077-T311

PUR M.I.	22	MAT9810919	(3G0.75)C	8.0	6.8
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Fanuc Signal cables

Basic cable



LX660-2018-T015

PVC	14	MAT9840924	(10x(2x0.25))C	12.0	7.5
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Basic cable



LX660-4077-T296

PUR O.I.	09	MAT9300296	((2x0.25)+5x0.5)C	7.0	10
PUR M.I.	10	MAT9840901	((2x0.25)+5x0.5)C	8.0	7.5
TPE H*	11	MAT9310296	((2x0.25)+5x0.5)C	7.5	6.8

Basic cable



LX660-4077-T297

PUR O.I.	09	MAT9300297	((2x0.25)+5x0.5)C	7.0	10
PUR M.I.	10	MAT9840902	((2x0.25)+5x0.5)C	8.0	7.5
TPE H*	11	MAT9310297	((2x0.25)+5x0.5)C	7.5	6.8

Basic cable



LX660-4077-T302

PUR O.I.	09	MAT9300302	((4x0.25)+3x(2x0.25+2x0.5))C	9.5	10
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Harnessed drive cables | Fanuc

PUR/TPE

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Fanuc Signal cables				
Basic cable				
PUR M.I.	10	MAT9840903	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310302	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
Basic cable				
LX660-4077-T303				
PUR O.I.	09	MAT9300303	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9840904	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310303	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
LX660-4077-T310				
TPE H*	11	MAT9940922	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
Basic cable				
LX660-4077-T319				
PUR O.I.	09	MAT9300319	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9840905	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310319	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8

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Harnessed drive cables | Festo

PVC/PUR/TPE

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Festo Servo cables				
Basic cable				
NEBM-M16G8-E-xxx-Q7-LE8				
PUR O.I.	06	MAT9852303	(4G0.75+2x(2x0.34))C	12.0 10
Basic cable				
NEBM-M23G6-E-xxx-N-LE7				
PVC O.I.	04	MAT9752301	(4G1.5+2x(2x0.75))C	13.5 10
PVC M.I.	05	MAT9752317	(4G1.5+2x(2x0.75))C	14.5 7.5
PUR O.I.	06	MAT9852301	(4G1.5+2x(2x0.75))C	13.5 10
PUR M.I.	07	MAT9852317	(4G1.5+2x(2x0.75))C	14.5 7.5
NEBM-M23G8-E-xxx-N-LE8				
PVC O.I.	04	MAT9752300	(4G2.5+2x(2x1.5))C	16.0 10
PVC M.I.	05	MAT9752316	(4G2.5+2x(2x1.5))C	17.0 7.5
PUR O.I.	06	MAT9852300	(4G2.5+(4x0.5))C	13.5 10
PUR M.I.	07	MAT9852316	(4G2.5+(4x0.5))C	14.0 7.5
Basic cable				
NEBM-M40G8-E-xxx-N-LE7				
PVC O.I.	04	MAT9752302	(4G2.5+2x(2x1.5))C	16.0 10
PVC M.I.	05	MAT9752318	(4G2.5+2x(2x1.5))C	17.0 7.5
PUR O.I.	06	MAT9852302	(4G2.5+2x(2x1.5))C	16.0 10
PUR M.I.	07	MAT9852318	(4G2.5+2x(2x1.5))C	16.0 7.5
Festo Control cables				
Basic cable				
KPWR-MC-1-SUB-9HC-xxx				
PVC M.I.	18	MAT9712320	(3G1.5)C	9.0 7.5
PUR M.I.	22	MAT9812320	(3G1.5)C	9.5 6.8
Festo Encoder cables				
Basic cable				
NEBM-M23G12-E-xxx-N-S1G9				
PVC	08	MAT9742308	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR O.I.	09	MAT9842308	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9842324	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9942308	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8

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