

# Harnessed drive cables | Fanuc

## 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 <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Fanuc Signal cables</b>				
<b>Basic cable</b>				
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
<b>Basic cable</b>				
<b>LX660-4077-T303</b>				
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
<b>LX660-4077-T310</b>				
TPE H*	11	MAT9940922	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
<b>Basic cable</b>				
<b>LX660-4077-T319</b>				
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

**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

# Harnessed drive cables | Festo

## PVC/PUR/TPE

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Festo Servo cables</b>				
<b>Basic cable</b>				
<b>NEBM-M16G8-E-xxx-Q7-LE8</b>				
PUR O.I.	06	MAT9852303	(4G0.75+2x(2x0.34))C	12.0 10
<b>Basic cable</b>				
<b>NEBM-M23G6-E-xxx-N-LE7</b>				
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
<b>NEBM-M23G8-E-xxx-N-LE8</b>				
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
<b>Basic cable</b>				
<b>NEBM-M40G8-E-xxx-N-LE7</b>				
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
<b>Festo Control cables</b>				
<b>Basic cable</b>				
<b>KPWR-MC-1-SUB-9HC-xxx</b>				
PVC M.I.	18	MAT9712320	(3G1.5)C	9.0 7.5
PUR M.I.	22	MAT9812320	(3G1.5)C	9.5 6.8
<b>Festo Encoder cables</b>				
<b>Basic cable</b>				
<b>NEBM-M23G12-E-xxx-N-S1G9</b>				
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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<b>Festo Data cables</b>				
<b>Basic cable</b>				
<b>KDI-MC-M8-SUB-9-xxx</b>				
PVC	30	MAT9722311	(3x0.25)C	5.0 10
PUR	13	MAT9822311	(3x0.25)C	5.5 10
<b>Basic cable</b>				
<b>KES-MC-1-SUB-9-xxx</b>				
PVC	30	MAT9722310	(14x0.14)C	7.0 10
PUR	13	MAT9822310	(14x0.14)C	7.5 10
<b>Basic cable</b>				
<b>NEBM-M12G8-E-xxx-N-S1G15</b>				
PVC	14	MAT9722305	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822305	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922305	(4x(2x0.25))C	8.5 6.8
<b>Basic cable</b>				
<b>NEBM-M12G8-E-xxx-S1G9</b>				
PVC	14	MAT9722306	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822306	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922306	(4x(2x0.25))C	8.5 6.8
<b>Basic cable</b>				
<b>NEBM-M12W8-E-xxx-N-S1G15</b>				
PVC	14	MAT9722307	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822307	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922307	(4x(2x0.25))C	8.5 6.8

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# Harnessed drive cables | Festo

## PVC/PUR/TPE

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<b>Festo Data cables</b>				
<b>Basic cable</b>				
<b>NEBM-S1G15-E-xxx-LE6</b>				
PVC	14	MAT9722309	(4x(2x0.5))C	9.5 7.5
PUR	15	MAT9822309	(4x(2x0.5))C	9.5 7.5
TPE H*	16	MAT9922309	(4x(2x0.5))C	9.5 6.8
<b>Basic cable</b>				
<b>NEBM-S1G9-E-xxx-LE6</b>				
PVC	30	MAT9722313	(7x0.34)C	7.5 10
PUR	13	MAT9822313	(7x0.34)C	6.5 10
<b>Festo Bus cables</b>				
<b>Basic cable</b>				
<b>FBA-CO-SUB-9-M12</b>				
PVC OIL	28	MAT9732312	(4x0.5)C	8.5 12.5
PUR	29	MAT9832312	(4x0.5)C	8.5 12.5
TPE	12	MAT9932312	(4x0.5)C	8.0 10

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# Harnessed drive cables | Heidenhain

## PVC/PUR/TPE

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### Heidenhain Servo cables

#### Linking cable



#### 352 960-xx

PVC O.I.	04	MAT94907005	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9761001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT93907005	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9861001	(4G1.5+(2x1.5)C)	13.0	7.5

#### 352 962-xx

PVC O.I.	04	MAT94907008	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9761003	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT93907008	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9861003	(4G1.5+(2x1.5)C)	13.0	7.5

#### 352 963-xx

PVC O.I.	04	MAT94907006	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9761002	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT93907006	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9861002	(4G4.0+(2x1.5)C)C	16.0	7.5

### Heidenhain Adapter cables

#### Basic cable



#### 298 401-xx

PVC	08	MAT9741006	(4x(2x0.14)+4x0.5)C	8.5	10
PUR O.I.	09	MAT9841008	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9841007	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9941021	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Basic cable



#### 333 164-xx

PVC	08	MAT9741008	(4x(2x0.14)+4x0.5)C	8.5	10
PUR O.I.	09	MAT9841009	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9841004	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9941019	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Basic cable



#### 368 330-xx

PVC	08	MAT9741010	((4x0.14)+2x(2x0.34))C	7.0	10
PUR O.I.	09	MAT9841006	((4x0.14)+2x(2x0.34))C	7.0	10

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### Heidenhain Adapter cables

#### Basic cable



#### 524 599-xx

PVC	08	MAT9741007	(4x(2x0.14)+4x0.5)C	8.5	10
PUR O.I.	09	MAT9841003	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9841002	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9941018	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Basic cable



#### 534 855-xx

PVC	08	MAT9741009	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	10
PUR M.I.	10	MAT9841005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	7.5
TPE H*	11	MAT9941020	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

#### Basic cable



#### 605 424-xx

PVC	08	MAT9741000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	10.0	10
PUR O.I.	09	MAT9841001	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	10.0	10
PUR M.I.	10	MAT9841000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	11.0	7.5
TPE H*	11	MAT9941000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	10.5	6.8

#### Linking cable



#### 289 440-xx

PVC	08	MAT9741002	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	10
PUR M.I.	10	MAT94901005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	7.5
TPE H*	11	MAT93901005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

#### 298 399-xx

PUR O.I.	09	MAT9941011	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94905001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93905001	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### 298 400-xx

PUR O.I.	09	MAT9941012	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94906002	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93906002	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### 309 783-xx

PUR O.I.	09	MAT9941008	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94903003	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93903003	(4x(2x0.14)+4x0.5)C	9.0	6.8

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