

# Harnessed drive cables | Heidenhain

## 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 <sup>2</sup> ]	Ø [mm]	R min. [x d]
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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

**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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### 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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### Heidenhain Adapter cables

#### Linking cable



#### 336 376-xx

PVC	08	MAT9741001	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	10
PUR M.I.	10	MAT94901004	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	7.5
TPE H*	11	MAT93901004	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

#### 604 419-xx

PUR O.I.	09	MAT9941003	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94901003	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93901003	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Linking cable



#### 298 402-xx

PUR O.I.	09	MAT9941016	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94909001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93909001	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Linking cable



#### 309 738-xx

PUR O.I.	09	MAT9941007	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94903001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93903001	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Linking cable



#### 309 774-xx

PUR M.I.	10	MAT94906001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93906001	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Linking cable



#### 368 172-xx

PVC	08	MAT9741003	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT94903002	(3x(2x0.14)C+2x(0.5)C)C	10.0	7.5
TPE H*	11	MAT93903002	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

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### Heidenhain Adapter cables

#### Linking cable



#### 309 777-xx

PUR O.I.	09	MAT9941013	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94907001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93907001	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### 309 778-xx

PUR O.I.	09	MAT9941014	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5	10
PUR M.I.	10	MAT94907002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	7.5
TPE H*	11	MAT93907002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	6.8

#### 533 627-xx

PUR O.I.	09	MAT9941004	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94901006	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93901006	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Linking cable



#### 310 193-xx

PUR M.I.	10	MAT94907003	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT93907003	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

#### Linking cable



#### 310 197-xx

PUR M.I.	10	MAT94902001	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT93902001	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

#### 310 199-xx

PUR O.I.	09	MAT9941006	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94902003	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93902003	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Linking cable



#### 323 897-xx

PUR O.I.	09	MAT9941015	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5	10
PUR M.I.	10	MAT94907004	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	7.5
TPE H*	11	MAT93907004	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	6.8

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## PUR/TPE

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<b>Heidenhain Adapter cables</b>				
<b>Linking cable</b>				
<b>324 544-xx</b>				
PUR O.I.	09	MAT9941005	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94902002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93902002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>332 115-xx</b>				
PUR O.I.	09	MAT9941001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94901001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93901001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>Linking cable</b>				
<b>335 077-xx</b>				
PUR M.I.	10	MAT94908001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93908001	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>354 411-xx</b>				
PUR O.I.	09	MAT9941009	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94904001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93904001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>355 398-xx</b>				
PUR O.I.	09	MAT9941010	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94904002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93904002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>Linking cable</b>				
<b>360 472-xx</b>				
PUR O.I.	09	MAT9941002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94901002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93901002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>Linking cable</b>				
<b>309 779-xx</b>				
PUR O.I.	09	MAT99411017	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94907007	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93907007	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8

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## PVC/PUR/TPE

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<b>Heidenhain Adapter cables</b>				
<b>Linking cable</b>				
<b>309 780-xx</b>				
PVC	08	MAT9741004	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT94909002	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT93909002	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
<b>Linking cable</b>				
<b>354 770-xx</b>				
TPE	12	MAT94910001	((2xAWG28)+2xAWG20)C	5.5 12.5
	12	MAT94910002	((2xAWG24)+2xAWG20)C	6.5 12.5

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# Harnessed drive cables | Jetter

## 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]
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### Jetter Motor cables

#### Basic cable



#### Cable No. 201

PVC M.I.	01	MAT9761805	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861806	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9851807	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9961808	(4G4.0)C	13.0	7.5

#### Cable No. 203

PVC M.I.	01	MAT9761809	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861810	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9851811	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9961812	(4G4.0)C	13.0	7.5

#### Cable No. 26.1

PVC M.I.	01	MAT9761801	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861802	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861803	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961804	(4G1.5)C	10.0	7.5

### Jetter Servo cables

#### Basic cable



#### Cable No. 202

PVC M.I.	05	MAT9751806	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9861807	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851808	(4G4.0+(2x1.5)C)C	16.0	7.5

#### Cable No. 204

PVC M.I.	05	MAT9751810	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9861811	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851812	(4G6.0+(2x1.5)C)C	17.5	7.5

#### Basic cable



#### Cable No. 24.1

PVC M.I.	05	MAT9751802	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851803	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851804	(4G1.5+(2x1.5)C)	13.0	7.5

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# Harnessed drive cables | Jetter

## PVC/PUR/TPE

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### Jetter Resolver cables

#### Basic cable



#### Cable No. 23

PVC	08	MAT9741801	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841802	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9941803	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5

#### Cable No. 423

PVC	08	MAT9741804	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841805	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9941806	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5

#### Basic cable



#### Cable No. 523

PVC	14	MAT9741807	(5x(2x0.25))C	8.5	7.5
PUR	15	MAT9841808	(5x(2x0.25))C	8.5	7.5
TPE H*	16	MAT9941809	(5x(2x0.25))C	9.0	6.8

#### Cable No. 723

PVC	14	MAT9741810	(5x(2x0.25))C	8.5	7.5
PUR	15	MAT9841811	(5x(2x0.25))C	8.5	7.5
TPE H*	16	MAT9941812	(5x(2x0.25))C	9.0	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