

# Harnessed drive cables | NUM

## 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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### NUM Power cables

#### Basic cable



#### AGOFRU018LMxxx

PVC M.I.	<b>01</b>	MAT9280051	(4G1.5)C	10.0	7.5
TPE F	<b>02</b>	MAT9282051	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9961201	(4G1.5)C	10.0	7.5

#### AGOFRU019LMxxx

PVC M.I.	<b>01</b>	MAT9280052	(4G4.0)C	13.0	7.5
TPE F	<b>02</b>	MAT9282052	(4G4.0)C	13.0	7.5
TPE H*	<b>03</b>	MAT9961202	(4G4.0)C	13.0	7.5

#### Extension cable



#### AGOFRU018LMxxx (ext.)

PVC M.I.	<b>01</b>	MAT9280061	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9961203	(4G1.5)C	10.0	7.5

#### AGOFRU018LMxxx (ext.)

TPE F	<b>02</b>	MAT9282061	(4G1.5)C	10.0	7.5
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#### AGOFRU019LMxxx (ext.)

PVC M.I.	<b>01</b>	MAT9280062	(4G4.0)C	13.0	7.5
TPE F	<b>02</b>	MAT9282062	(4G4.0)C	13.0	7.5
TPE H*	<b>03</b>	MAT9961204	(4G4.0)C	13.0	7.5

### NUM Servo cables

#### Basic cable



#### AGOFRU018Mxxx

PVC M.I.	<b>05</b>	MAT9280001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR M.I.	<b>07</b>	MAT9282001	(4G1.5+(2x1.5)C)	13.0	7.5

#### AGOFRU019Mxxx

PVC M.I.	<b>05</b>	MAT9280002	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR M.I.	<b>07</b>	MAT9282002	(4G4.0+(2x1.5)C)C	16.0	7.5

#### Basic cable



#### AGOFRU020Mxxx

PVC M.I.	<b>05</b>	MAT9280003	(4G10+(2x1.5)C)C	21.5	7.5
PUR M.I.	<b>07</b>	MAT9282003	(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

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### NUM Servo cables

#### Extension cable



#### AGOFRU018Mxxx (ext.)

PVC M.I.	<b>05</b>	MAT9280011	(4G1.5+(2x1.5)C)	13.0	7.5
PUR M.I.	<b>07</b>	MAT9282011	(4G1.5+(2x1.5)C)	13.0	7.5

#### AGOFRU019Mxxx (ext.)

PVC M.I.	<b>05</b>	MAT9280012	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR M.I.	<b>07</b>	MAT9282012	(4G4.0+(2x1.5)C)C	16.0	7.5

#### Extension cable



#### AGOFRU020Mxxx (ext.)

PVC M.I.	<b>05</b>	MAT9280013	(4G10+(2x1.5)C)C	21.5	7.5
PUR M.I.	<b>07</b>	MAT9282013	(4G10+(2x1.5)C)C	21.0	7.5

### NUM Fan cables

#### Basic cable



#### AGOFRU012Mxxx

PVC	<b>17</b>	MAT9289005	4G1.0	7.0	7.5
TPE H*	<b>23</b>	MAT9289007	4G1.0	6.5	5

#### Extension cable



#### AGOFRU012Mxxx (ext.)

PVC	<b>17</b>	MAT9289015	4G1.0	7.0	7.5
TPE H*	<b>23</b>	MAT9289017	4G1.0	6.5	5

### NUM Encoder cables

#### Basic cable



#### AGOFRU029Mxxx

PVC	<b>08</b>	MAT9284001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
TPE H*	<b>11</b>	MAT9286001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

#### Basic cable



#### AGOFRU030Mxxx

PVC	<b>08</b>	MAT9289001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
TPE H*	<b>11</b>	MAT9289004	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

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# Harnessed drive cables | NUM PVC/TPE

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## NUM Encoder cables

### Extension cable



#### AGOFRU029Mxxx (ext.)

PVC	<b>08</b>	MAT9284011	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	9.0	10
TPE H*	<b>11</b>	MAT9286011	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	10.0	6.8

### Extension cable



#### AGOFRU030Mxxx (ext.)

PVC	<b>08</b>	MAT9289011	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	9.0	10
TPE H*	<b>11</b>	MAT9289014	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	10.0	6.8

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# Harnessed drive cables | Omron 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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## Omron Motor cables

### Basic cable



#### R88A-CAWA-xxxS-DE

TPE F	<b>02</b>	MAT9810004	(4G0.5)C	7.5	7.5
TPE H*	<b>03</b>	MAT9962104	(4G0.5)C	8.0	7.5

#### R88A-CAWCxxx

PVC M.I.	<b>01</b>	MAT9710005	(4G1.5)C	10.0	7.5
TPE F	<b>02</b>	MAT9810005	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9962105	(4G1.5)C	10.0	7.5

#### R88A-CAWCxxxS-E

PVC M.I.	<b>01</b>	MAT9710003	(4G1.5)C	10.0	7.5
TPE F	<b>02</b>	MAT9810003	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9962103	(4G1.5)C	10.0	7.5

#### R88A-CAWDxxxS

PVC M.I.	<b>01</b>	MAT9710006	(4G2.5)C	11.5	7.5
TPE F	<b>02</b>	MAT9810006	(4G2.5)C	11.5	7.5
TPE H*	<b>03</b>	MAT9962106	(4G2.5)C	11.5	7.5

#### R88A-CAWDxxxS-E

PVC M.I.	<b>01</b>	MAT9710001	(4G2.5)C	11.5	7.5
TPE F	<b>02</b>	MAT9810001	(4G2.5)C	11.5	7.5
TPE H*	<b>03</b>	MAT9962101	(4G2.5)C	11.5	7.5

#### R88A-CAWFxxxS-E

PVC M.I.	<b>01</b>	MAT9710002	(4G4.0)C	13.0	7.5
TPE F	<b>02</b>	MAT9810002	(4G4.0)C	13.0	7.5
TPE H*	<b>03</b>	MAT9962102	(4G4.0)C	13.0	7.5

## Omron Control cables

### Basic cable



#### JZSP-CHM000-xx-E

PVC M.I.	<b>18</b>	MAT9712103	(5G0.5)C	8.0	7.5
PVC OIL	<b>20</b>	MAT9710015	(5G0.5)C	8.5	6.8
PUR M.I.	<b>22</b>	MAT9810015	(5G0.5)C	8.0	6.8
TPE H*	<b>24</b>	MAT9912103	(5x0.5)C	7.5	5

### Basic cable



#### JZSP-CHM000-xx-ME

PVC M.I.	<b>18</b>	MAT9712104	(5G0.5)C	8.0	7.5
PVC OIL	<b>20</b>	MAT9710016	(5G0.5)C	8.5	6.8
PUR M.I.	<b>22</b>	MAT9810016	(5G0.5)C	8.0	6.8
TPE H*	<b>24</b>	MAT9912104	(5x0.5)C	7.5	5

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