

* 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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NUM Encoder cables

Extension cable



AGOFRU029Mxxx (ext.)

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

Extension cable



AGOFRU030Mxxx (ext.)

PVC	08	MAT9289011	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	9.0	10
TPE H*	11	MAT9289014	(3x(2x0.14)C)+(4x0.14)+(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

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Omron Motor cables

Basic cable



R88A-CAWA-xxxS-DE

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

R88A-CAWCxxx

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

R88A-CAWCxxxS-E

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

R88A-CAWDxxxS

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

R88A-CAWDxxxS-E

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

R88A-CAWFxxxS-E

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

Omron Control cables

Basic cable



JZSP-CHM000-xx-E

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

Basic cable



JZSP-CHM000-xx-ME

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

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Harnessed drive cables | Omron

PVC/PUR/TPE

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Omron Control cables

Basic cable



JZSP-CHM030-xx-E

PVC M.I.	18	MAT9712105	(7G0.75)C	10.0	7.5
PVC OIL	20	MAT9710017	(7G0.5)C	10.0	6.8
PUR M.I.	22	MAT9810017	(7G0.5)C	9.5	6.8
TPE H*	24	MAT9912105	(7x0.5)C	8.5	5

Basic cable



JZSP-CHM030-xx-ME

PVC M.I.	18	MAT9712106	(7G0.75)C	10.0	7.5
PVC OIL	20	MAT9710018	(7G0.5)C	10.0	6.8
PUR M.I.	22	MAT9810018	(7G0.5)C	9.5	6.8
TPE H*	24	MAT9912106	(7x0.5)C	8.5	5

Basic cable



JZSP-CSM22-xx-E-G1

PVC M.I.	18	MAT9712102	(4G0.75)C	8.5	7.5
PVC OIL	20	MAT9710014	(4G0.75)C	8.5	6.8
PUR M.I.	22	MAT9810014	(4G0.75)C	8.5	6.8
TPE H*	24	MAT9912102	(4G0.75)C	7.5	5

Basic cable



R88A-CAWCxxxB-E

PVC	17	MAT9712101	2x0.5	5.5	7.5
PVC OIL	19	MAT9710013	2x0.5	6.0	6.8
PUR	21	MAT9810013	3G0.75	6.5	6.8
TPE H*	23	MAT9912101	2x0.5	5.0	5

Basic cable



R88A-CAWExxxB

PVC M.I.	18	MAT9712107	(3G0.5)C	7.0	7.5
PVC OIL	20	MAT9710019	(2x0.5)C	7.0	6.8
PUR M.I.	22	MAT9810019	(4G0.5)C	8.0	6.8
TPE H*	24	MAT9912107	(4x0.5)C	7.0	5

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Harnessed drive cables | Omron

PVC/PUR/TPE

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Omron Encoder cables

Basic cable



JZSP-CHP800-xx-E

PVC	08	MAT9710009	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9842103	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9810009	(4x(2x0.25)+2x0.5)C	8.5	6.8

Basic cable



JZSP-CHP800-xx-ME

PVC	08	MAT9710008	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9842102	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9810008	(4x(2x0.25)+2x0.5)C	8.5	6.8

Basic cable



JZSP-CSP21-xx-E-G1

PVC	14	MAT9710011	(3x(2x0.25))C	7.0	7.5
PUR M.I.	10	MAT9842105	(3x(2x0.25))C	7.5	7.5
TPE H*	11	MAT9810011	(3x(2x0.25))C	7.5	6.8

Basic cable



R88A-CRWA-xxxC-DE

PVC	08	MAT9710012	(2x(2x0.25)+2x0.5)C	6.5	10
PUR M.I.	10	MAT9842106	(2x(2x0.25)+2x0.5)C	6.5	7.5
TPE H*	11	MAT9810012	(2x(2x0.25)+2x0.5)C	6.5	6.8

Basic cable



R88A-CRWBxxxN

PVC	08	MAT9710010	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9842104	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9810010	(4x(2x0.25)+2x1.0)C	9.0	6.8

R88A-CRWBxxxN-E

PVC	08	MAT9710007	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9842101	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9810007	(4x(2x0.25)+2x1.0)C	9.0	6.8

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