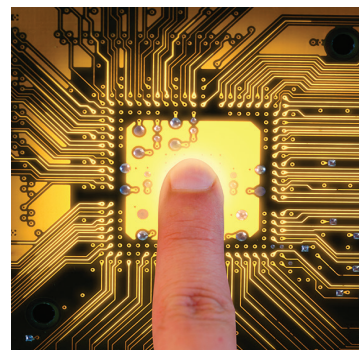




IQAN[®] Accessories

Electronic Control Systems

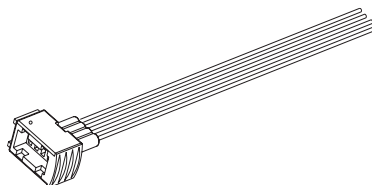
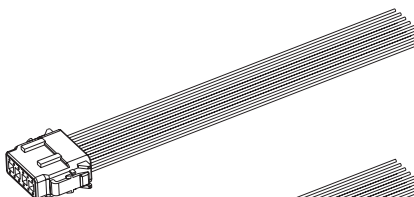
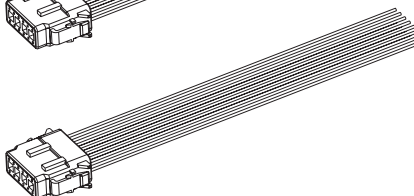
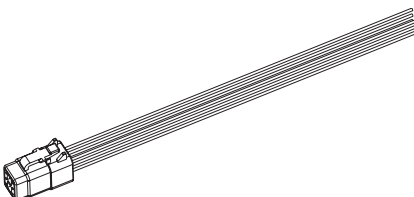


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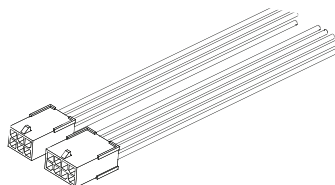
Prototype installation cables

5030094

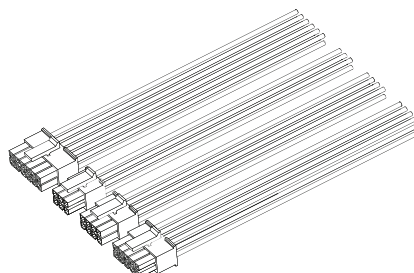
4 pin JPT: 2,5 meters, fits to IQAN-LSL, -LST (-S)

**5030125**C1-cable: 2,5 meters, fits to IQAN-MD3,
-MD4, -G1, -LC5-C0x; Grey, key A**5030126**C2-cable: 2,5 meters, fits to IQAN-MD3,
-MD4
Black, key B**5030127**C1-cable: 2,5 meters, fits to IQAN-LC5-X05,
-LC5-C0x**20077763**

C1-C2 cables: 1,5 meters, fits to IQAN-LC6-X05

**20077777**

C1-C4 cables: 1,5 meters, fits to IQAN-XC21

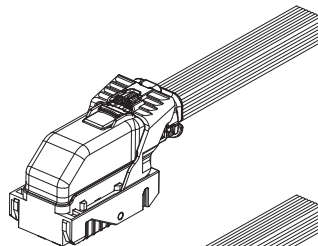


Prototype installation cables

20085116

C1 cable: 66 pos. 2,5 meters, fits to IQAN-MC42, IQAN-MC43

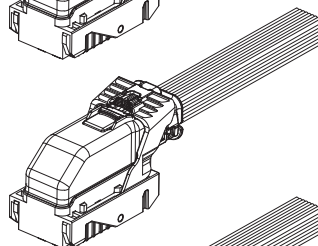
Note: positions 5, 6, 21, 22, 33, 34, 49, 50, 61-64 are plugged



20085117

C2 cable: 73 pos. 2,5 meters, fits to IQAN-MC43

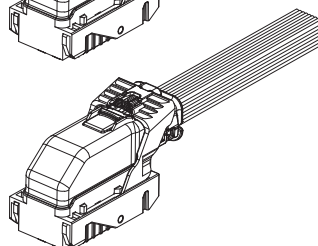
Note: positions 69-72 are plugged



20085124

C1 cable: 66 pos. 2,5 meters, fits to IQAN-MC41

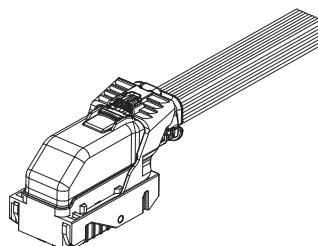
Note: positions 3, 5, 6, 16, 19, 21, 22, 30-34, 41-44, 49, 50, 57-64 are plugged



20085205

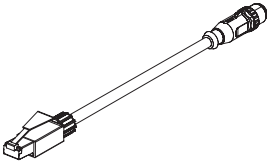
Cable: 56 pos. 2,5 meters, fits to IQAN-MD5

Note: positions 3, 6-10, 17, 20-24, 27, 44 are plugged

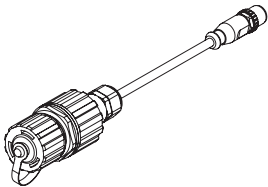


Communication cables

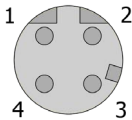
20077780
Ethernet cable: 1,5 meters, fits to IQAN-MD4



20077785
Panel mount Ethernet adapter cable:
1,5 meter, fits IQAN-MD4



20085206
Ethernet cable MX64 to M12: 0,8 meter,
fits IQAN-MD5, IQAN-MC43 and
IQAN-MC42

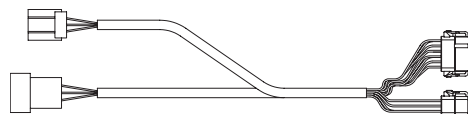


M12 pin	Signal	Color
1	TD+	Yellow
2	RD+	White
3	TD-	Orange
4	RD-	Blue

System cables / miscellaneous

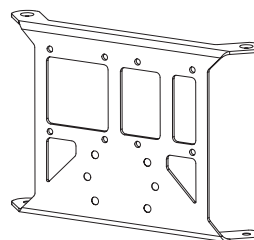
2830018

IQAN-LL to IQAN-LC5-C02 adapter cable,
for replacing -LL joysticks with -LC5-C02
joysticks
in existing installations, 0.3 meters



20077778

Steel (painted black) mounting bracket, adapts
RAM™ or Southco swivel mounts to IQAN-
MD4-7.

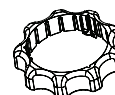


20077779

Steel (painted black) mounting bracket, adapts
RAM™ or Southco swivel mounts to IQAN-
MD4-5.

20077790

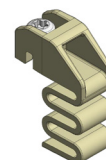
Larger plastic ring for 4th axis control of
the IQAN-LC6-X05 joystick handle. Fits
over existing ring.



20085208

Panel mounting kit for
IQAN-MD5-5

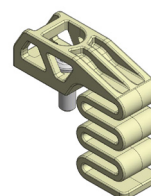
Part	pcs.
Clip, IQAN-MD5C	4
Screw, MRT M4X8	4



20085209

Panel mounting kit for
IQAN-MD5-8, IQAN-MD5-10
and IQAN-MD5-12

Part	pcs.
Clip, IQAN-MD5A	10
Screw, PT40x12 A2	10



Address and termination

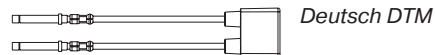
Address units (Id-Tags)

Deutsch DTM terminals, fits to IQAN-LC5-C0x, -MD3, -MD4

Molex MF 3.0 terminals, fits to IQAN-XC21

Molex MX64 terminals, fits to IQAN-_C4x

Address Id-Tags (10-pack)



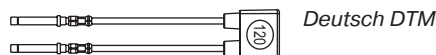
Address	Resistance (ohms)	Deutsch DTM	Molex MF 3.0	Molex MX64
		Ordering No.	Ordering No.	Ordering No.
0	294	5030160	20085020	20085130
1	590	5030161	20085021	20085131
2	976	5030162	20085022	20085132
3	1.5K	5030163	20085023	20085133
4	2.23K	5030164	20085024	20085134
5	3.36K	5030165	20085025	20085135
6	5.3K	5030166	20085026	20085136
7	9.53K	5030167	20085027	20085137

Address with termination Id-Tags (10-pack)

Address	Resistance (ohms)	Deutsch DTM	Molex MF 3.0	Molex MX64
		Ordering No.	Ordering No.	Ordering No.
0T	432	5030170	20085030	20085140
1T	768	5030171	20085031	20085141
2T	1.21K	5030172	20085032	20085142
3T	1.82K	5030173	20085033	20085143
4T	2.74K	5030174	20085034	20085144
5T	4.17K	5030175	20085035	20085145
6T	6.9K	5030176	20085036	20085146
7T	14K	5030177	20085037	20085147

Termination unit

CAN Bus termination, available in all terminal types sold in 10-pack only.



Termination Tag

Function	Resistance (ohms)	Deutsch DTM	Molex MF 3.0	Molex MX64
		Ordering No.	Ordering No.	Ordering No.
Termination	120	5030183	20085038	20085148

Connector kits

Temperature sensor (legacy)
Part / Ordering No: 5031007



Part	pcs.	AMP No.
Housing	1	963040-3
Contact JPT	2	929940-1
Seal JPT	2	828904-1

IQAN-LSL, -LST (-S)
Part / Ordering No: 5031097



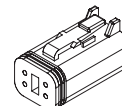
Part	pcs.	AMP No.
Housing	1	1-963207-1
Contact JPT	4	929940-1
Seal JPT	4	828904-1

IQAN-SP035, -SP500, -ST (-B)
Part / Ordering No: 5031086



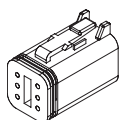
Part	pcs.	AMP No.
Housing	1	282191-1
Contact JPT	3	929940-1
Seal JPT	3	828904-1

IQAN-LSL, -LST (-D)
Part / Ordering No: 5031113



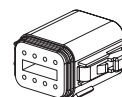
Part	pcs.	Deutsch No.
Housing	1	DT06-4S-C015
Wedge	1	W4S-P012
Contact	4	1062-16-0122

IQAN-LSL-E0-/-Lx (-D)
IQAN-LSL-E1-/-/- (-D)
(switch or detent option)
Part / Ordering No: 5035014



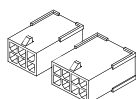
Part	pcs.	Deutsch No.
Housing	1	DT06-6S-CE06
Wedge	1	W6S-P012
Contact	6	1062-16-0122

IQAN-LSL-E1-/-Lx (-D)
(switch and detent options)
Part / Ordering No: 5035015



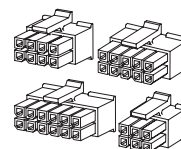
Part	pcs.	Deutsch No.
Housing	1	DT06-08SA-CE06
Wedge	1	W8S-P012
Contact	8	1062-16-0122

IQAN-LC6-X05, C1-C2
Part / Ordering No: 20077764



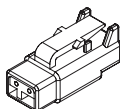
Part	pcs.	Molex No.
Housing	1	43020-0801
Housing	1	43020-0601
Contact	14	43031-0008

IQAN-XC21, C1-C4
Part / Ordering No: 20077776



Part	pcs.	Molex No.
Housing	1	43025-1000
Housing	1	43025-0800
Housing	1	43025-0600
Housing	1	43025-1200
Contact	36	43030-0008

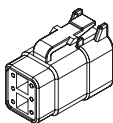
IQAN-SV, power (gold contacts)
Part / Ordering No: 20085109



Part	pcs.	Deutsch No.
Housing	1	DTM06-2S
Wedge	1	WM2S
Contact	2	1062-20-0144

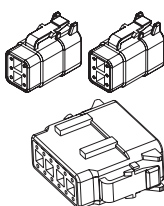
Connector kits

IQAN-LC5-X05, C1
IQAN-LC5-C0x, C1 or C3
Sensors: RS60, RS70, ACC100
Part / Ordering No: **20072408**



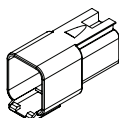
Part	pcs.	Deutsch No.
Housing	1	DTM06-6S
Wedge	1	WM6S
Contact	6	1062-20-0222
Seal plug	6	0413-204-2005

IQAN-LC5-C0x, C1, C2 & C3
Part / Ordering No: **5035007**



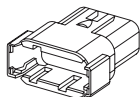
Part	pcs.	Deutsch No.
Housing	2	DTM06-6S
Wedge	2	WM6S
Housing	1	DTM06-12SA
Wedge	1	WM12S
Contact	24	1062-20-0222
Seal plug	24	0413-204-2005

IQAN-LC5-X05-MP handle, 6 position
Part / Ordering No: **5035017**



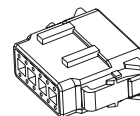
Part	pcs.	Deutsch No.
Housing	1	DTM04-6P
Wedge	1	WM6P
Contact	6	1060-20-0222
Seal plug	6	0413-204-2005

IQAN-LC5-X05-MP handle, 12 position
Part / Ordering No: **5035018**

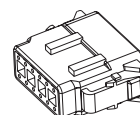


Part	pcs.	Deutsch No.
Housing	1	DTM04-12PA
Wedge	1	WM12P
Contact	12	1060-20-0222
Seal plug	12	0413-204-2005

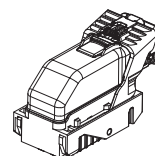
IQAN-MD3, -MD4, C1 & C2, grey & black
Part / Ordering No: **20073081**



Part	pcs.	Deutsch No.
Housing	1	DTM06-12SA
Housing	1	DTM06-12SB
Wedge	2	WM12S
Contact	24	1062-20-0222
Seal plug	24	0413-204-2005

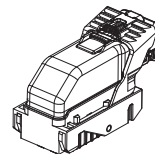


IQAN-MD5
Part / Ordering No: **20085207**



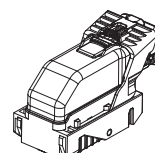
Part	pcs.	Molex No.
Housing	1	34576-0703
Cover	1	34575-0003
Contact	42	33467-0024
Seal plug	30	34586-0001

IQAN-_C4x, C1
Part / Ordering No: **20085114**



Part	pcs.	Molex No.
Housing	1	34822-0013
Cover	1	34565-0003
Contact	69	33467-0024
Seal plug	30	34586-0001
Contact	3	7116-4152-02
Seal	3	7158-3113-40

IQAN-_C43, -XC44, C2
Part / Ordering No: **20085115**



Part	pcs.	Molex No.
Housing	1	34566-0103
Cover	1	34565-0003
Contact	77	33467-0024
Seal plug	30	34586-0001
Contact	2	7116-4152-02
Seal	2	7158-3113-40

Crimping tools

20085120

IQAN tool kit for Molex MX123 connectors

Consists of	use with	Part No.
Crimp frame	All types	n/a ¹⁾
Crimp die set	MX64 0.64 mm contact	20085125 ¹⁾
Crimp die set	Yazaki 2.8 mm contact	20085126 ¹⁾
Extractor blade handle	All types	n/a ¹⁾
Extractor blade	MX64, Molex p/n: 63813-1400	20085128 ¹⁾
Extractor blade	Yazaki p/n: X39899-J374	20085129 ¹⁾
Pin box	33467-0024 contacts	n/a ¹⁾
Pin box	34586-0001 sealing plugs	n/a ¹⁾
Pin box	7116-4152-02 contacts	n/a ¹⁾
Pin box	7158-3113-40 seals	n/a ¹⁾



¹⁾ Not available as separate items, only part of IQAN tool kit

IQAN Demo Kit

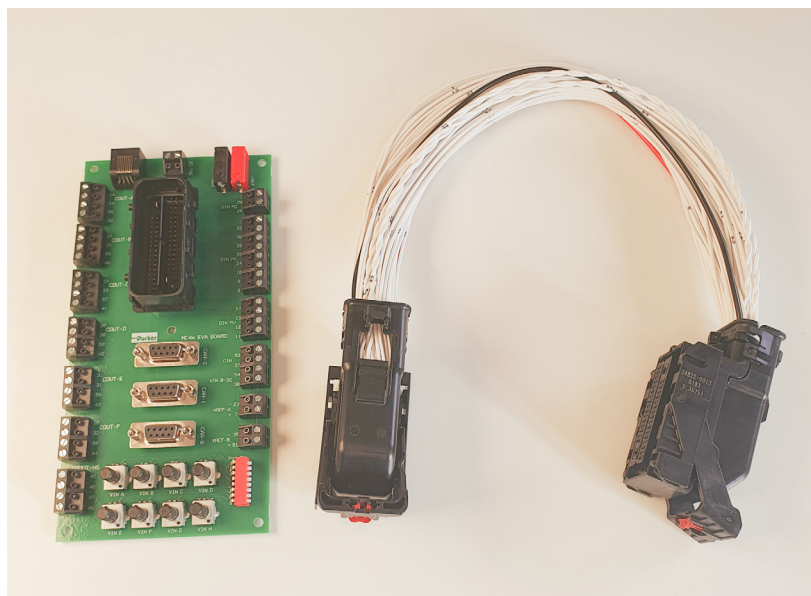
20085169

IQAN Demo Kit - consists of a breakout board and a cable.

Fits to IQAN-MC41, -MC42 and -MC43 (connector C1).

Part	pcs.
Demoboard ¹⁾	1
Harness ¹⁾	1

¹⁾ Not available as separate item, only part of IQAN Demo Kit



I/O	pcs.	Connection
CAN	3	DSUB 9pol
Ethernet	1	RJ45
Cin	2	screw terminals
Cout	6	screw terminals
Din	12	screw terminals
Dout	2	screw terminals
Vin	8	potentiometers
Idtag	1	screw terminals
Vref	2	screw terminals
Power	1	4mm banana plug

WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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European Headquarters
La Tuilière 6, 1163 Etoy,
Switzerland
Tel: +41 21 821 85 00

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