

Accessories

vicosys[®]

Cable

Product name

Camera cable IEEE 1394a

Product features

- FireWire cable for IEEE 1394a cameras with vicosys[®]
- Length: 4.5 m
- Integrated ferrites to the improved electromagnetic compatibility (EMC)



Variants

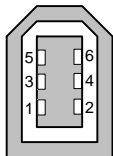
Variants	IEEE 1394a cable, 4.5m
Order number	4-40-248

Pin assignment

IEEE 1394a cable

Variant 6 pin	Name	Description
1	Power	Unregulated DC; 30 V no load
2	Ground	Ground return for power and inner cable shield
3	TPB-	Twisted-pair B, differential signals
4	TPB+	Twisted-pair B, differential signals
5	TPA-	Twisted-pair A, differential signals
6	TPA+	Twisted-pair A, differential signals

IEEE 1394a plug



Definition

IEEE 1394a cable, 6 Pin – 6 Pin, 4.5 m

Notes

Accessories

vicosys®

Cable

Product name

Camera cable IEEE1394a

Product features

- FireWire cable for IEEE1394a cameras with vicosys®
- Length: 17.5 m
- Integrated ferrites to the improved electromagnetic compatibility (EMC)
- long distance cable
- Molex latch connectors
- Double shielding with ferrite coils to ensure FCC class b
- UL 20276 certified and RoHS compliant



Variants

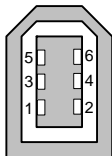
Variants	IEEE1394a cable, 17.5m
Order number	4-40-249

Pin assignment

IEEE1394a cable

Variant 6 pin	Name	Description
1	Power	Unregulated DC; 30 V no load
2	Ground	Ground return for power and inner cable shield
3	TPB-	Twisted-pair B, differential signals
4	TPB+	Twisted-pair B, differential signals
5	TPA-	Twisted-pair A, differential signals
6	TPA+	Twisted-pair A, differential signals

IEEE1394a plug



Download
Manual


Definition

IEEE1394a cable, 6 Pin – 6 Pin, 17.5 m

Notes

Accessories

vicosys®

Cable

Product name

I/O cable with 2x Sub-D connectors

Product features

- I/O cable with 2x Sub-D for the connection of the digital I/Os to vicosys®
- Length: 2 m
- 37 pin Sub-D plug with fixing screws for improved industrial environment



Variants

Variants	I/O cable with 2x Sub-D
Order number	4-40-266

Pin assignment

I/O cable with 1x 37 pin Sub-D plug and 1x 37 pin Sub-D Socket

Pin 37 pol. Stecker	Name	Pin 37 pol. Buchse
9	24 V DC	9
28	24 V DC	28
10	0 V	10
29	0 V	29
1	IN 1	1
20	IN 2	20
2	IN 3	2
21	IN 4	21
3	IN 5	3
22	IN 6	22
4	IN 7	4
23	IN 8	23
11	OUT 1	11
30	OUT 2	30
12	OUT 3	12
31	OUT 4	31
13	OUT 5	13
32	OUT 6	32
14	OUT 7	14
33	OUT 8	33

Download
Manual



Definition

I/O cable with 1x 37 pin Sub-D plug and 1x 37 pin Sub-D Socket, 2 m

Notes

Accessories

vicosys® Cable

Product name

I/O cable with 1x Sub-D connectors

Product features

- I/O cable with 1x Sub-D for the connection of the digital I/Os to vicosys®
- Length: 2 m
- 37 pin Sub-D socket with fixing screws for improved industrial environment



Variants

Variants	I/O cable with 1x Sub-D
Order number	4-40-267

Pin assignment

I/O cable with 1x 37 pin Sub-D socket

Pin 37 pin Socket	Cable colour	Description
9	white/grey	24 V DC
28	grey/brown	24 V DC
10	white/pink	0 V
29	pink/brown	0 V
1	white	IN 1
20	brown	IN 2
2	green	IN 3
21	yellow	IN 4
3	grey	IN 5
22	pink	IN 6
4	blue	IN 7
23	red	IN 8
11	white/blue	OUT 1
30	brown/blue	OUT 2
12	white/red	OUT 3
31	brown/red	OUT 4
13	white/black	OUT 5
32	brown/black	OUT 6
14	grey/green	OUT 7
33	yellow/grey	OUT 8

Download
Manual



Definition

I/O cable with 1x Sub-D – 37 pin socket, 2 m

Notes

Accessories

vicosys® Cable

Product name

Camera cable IEEE 1394 a/b adapter cable

Product features

- FireWire cable for IEEE 1394b cameras with vicosys®
- Length: 4.5 m
- Integrated ferrites to the improved electromagnetic compatibility (EMC)



Variants

Variants	IEEE 1394a/b adapter cable, 4,5m
Order number	4-40-270

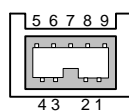
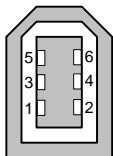
Pin assignment

IEEE 1394 a/B adapter cable

6 pin connector	9 pin connector	Name	Description
1	8	Power	Unregulated DC; 30 V no load
2	6	Ground	Ground return for power and inner cable shield
3	1	TPB-	Twisted-pair B, differential signals
4	2	TPB+	Twisted-pair B, differential signals
5	3	TPA-	Twisted-pair A, differential signals
6	4	TPA+	Twisted-pair A, differential signals
	5	A shield	
	7		-
	9	B shield	

Download
Manual
Adobe PDF

IEEE 1394a-Stecker IEEE 1394b-Stecker



Definition

IEEE 1394 a/b adapter cable, 6 Pin – 9 Pin, 4.5 m

Notes

Accessories

vicosys®

Cable

Product name

Aton Line scan camera trigger I/O cable

Product features

- Cable to control the trigger and the digital I/Os of Aton cameras to vicosys®
- Length: 3 m
- Applicable for all cameras of the Aton series



Variants

Variants	Aton trigger I/O cable
Order number	4-40-271

Pin assignment

Aton Line scan camera trigger I/O cable

Mini Sub-D 9 pin connector	Description	Sub-D 9 pin connector
1	Image trigger input +	1
2	Output 0 +	2
3	Output 1 +	3
4	Line trigger input +	4
5	External voltage supply +	5
6	Image/ line trigger input -	6
7	Output 0 -	7
8	Output 1 -	8
9	External Voltage supply GND	9

Download
Manual


Definition

Aton Line scan camera trigger I/O cable, 9 pin Mini Sub-D – 9 pin Sub-D plug, 3 m

Notes