PHŒNIX CONTACT

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

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VARIOFACE input module with spring-cage connection, 32 channels, redundant connector for Yokogawa input modules ADV151, ADV161.

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	643.000 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

Dimensions

Width	233 mm
Height	111 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

General

Note	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Max. perm. operating voltage	24 V DC ±10 %
Max. perm. current (per branch)	63 mA
Max. permissible current (all branches)	2 A
Mounting position	any
Standards/regulations	DIN EN 50178

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Technical data

General

Rated surge voltage	basic insulation
Degree of pollution	2
Overvoltage category	III

Connection data for connection 1

Connection name	Field level
Connection method	Spring-cage connection
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12
Number of connections	1
Number of positions	64

Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Torque	0.5 Nm
Number of connections	2
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331

Supported controller

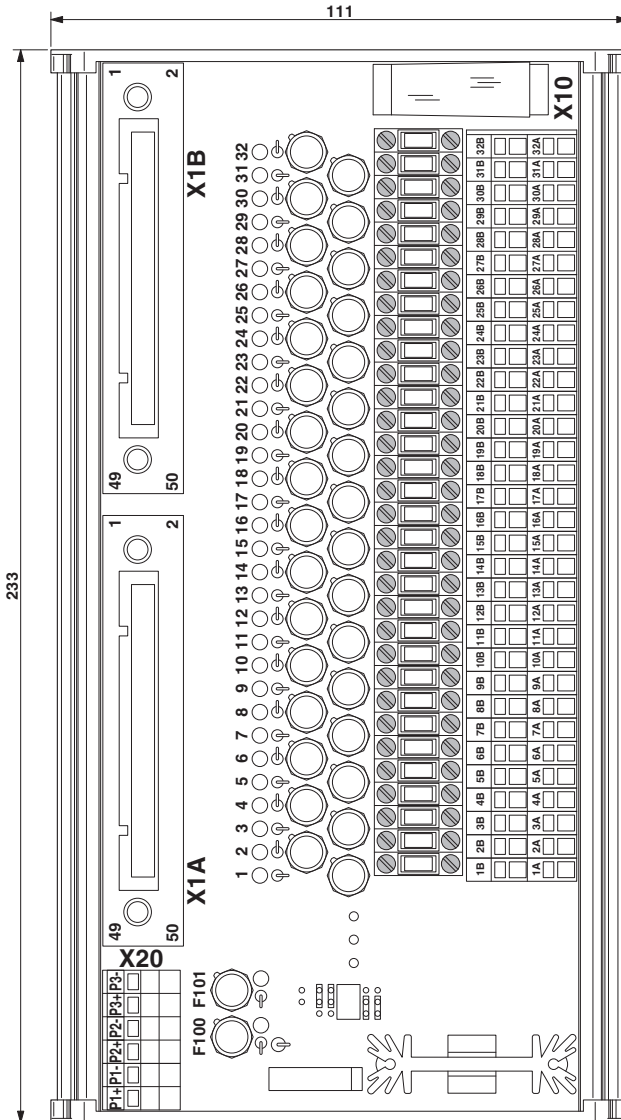| Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	ADV151
	ADV161
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV151
	NFDV161

Standards and Regulations

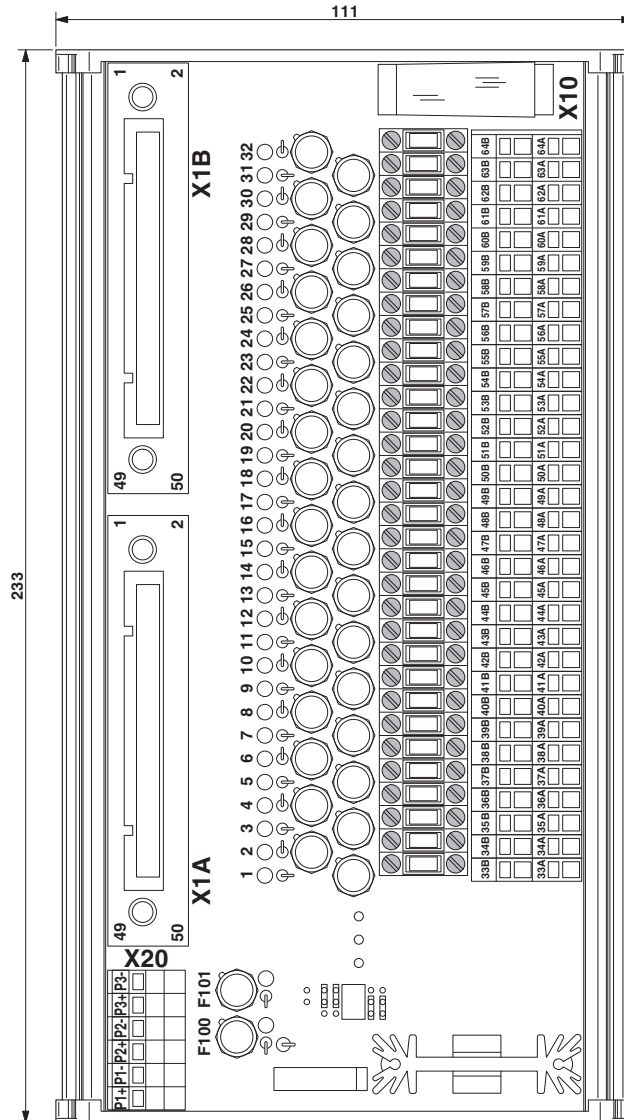| Standards/regulations	DIN EN 50178
Degree of pollution	2
Overvoltage category	III

Drawings

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Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Dimensional drawing

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Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923
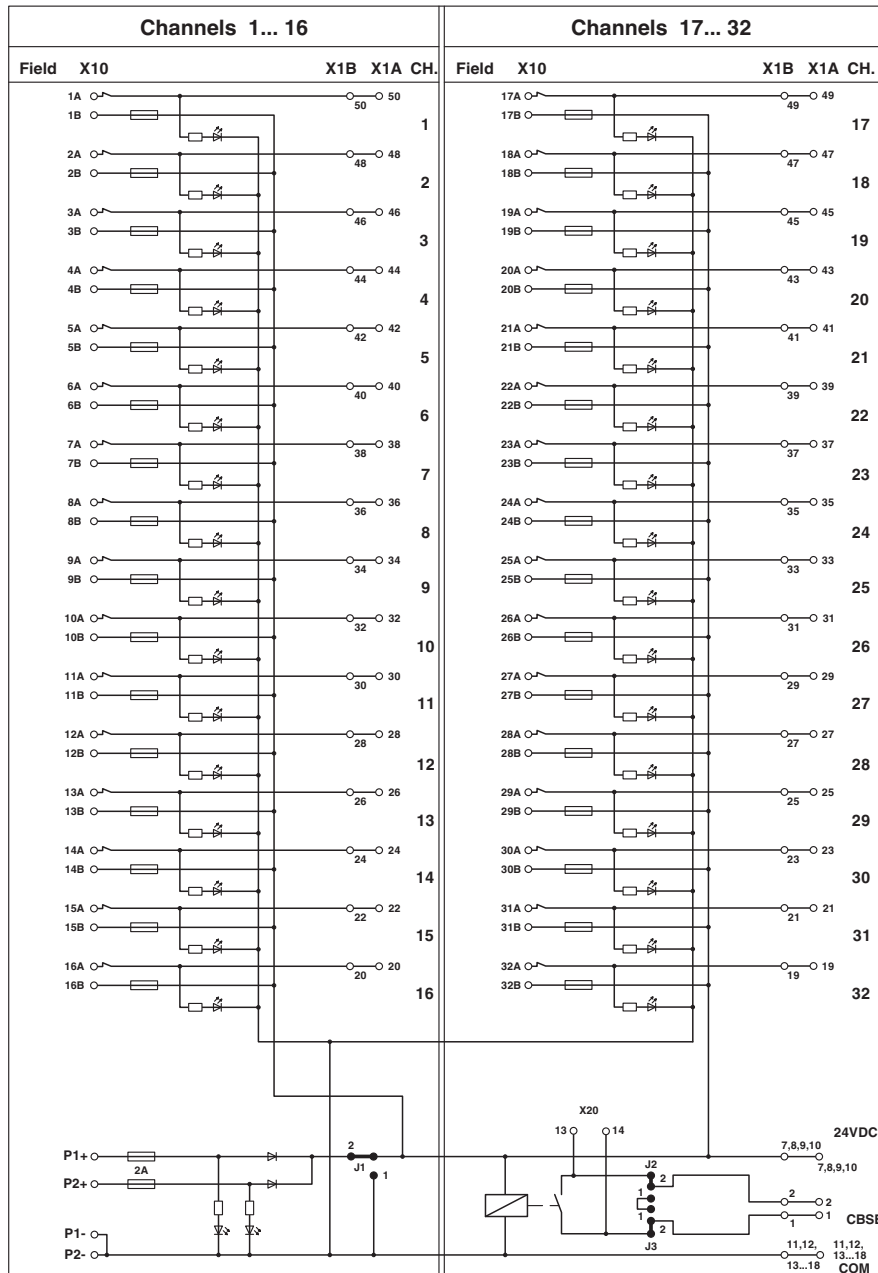
Dimensional drawing

Labeling 33B..64B/33A..64A and the additional sticker 64DI X is included with the packing.

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Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Circuit diagram

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313

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Classifications

eCl@ss

eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

Accessories

Accessories

Front adapter

Front adapters - FLK 50-PA/EZ-DR/KS/ 100/YUC - 2900991

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 1.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 200/YUC - 2314299

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 2.0 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/KS/ 300/YUC - 2314309

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 3.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 400/YUC - 2314312

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 4.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 500/YUC - 2321499

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 5.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 600/YUC - 2314927

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 6.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 700/YUC - 2321509

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 7.0 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/KS/ 800/YUC - 2314930

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 8.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/ 900/YUC - 2321512

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 9.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/1000/YUC - 2314325

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 10.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/1100/YUC - 2321389

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 11.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/1200/YUC - 2321525

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 12.0 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/KS/1300/YUC - 2321392

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 13.0 m

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Front adapters - FLK 50-PA/EZ-DR/KS/1400/YUC - 2321402

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 14.0 m

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Front adapters - FLK 50-PA/EZ-DR/KS/1500/YUC - 2314338

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 15.0 m

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Front adapters - FLK 50-PA/EZ-DR/KS/1600/YUC - 2321538

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 16.0 m

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Front adapters - FLK 50-PA/EZ-DR/KS/1700/YUC - 2321541

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 17.0 m

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Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/KS/1800/YUC - 2321554

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 18.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/1900/YUC - 2321567

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 19.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/2000/YUC - 2314503

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 20.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/2500/YUC - 2314516

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 25.0 m

Front adapters - FLK 50-PA/EZ-DR/KS/3000/YUC - 2314529

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 30.0 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/KS/5000/YUC - 2318981

Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 50.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 100/YUC - 2904739

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 1.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 200/YUC - 2904740

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 2.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 300/YUC - 2904741

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 3.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 400/YUC - 2904742

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 4.0 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 500/YUC - 2904636

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 5.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 600/YUC - 2904743

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 60.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 700/YUC - 2904744

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 7.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 800/YUC - 2904745

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 8.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/ 900/YUC - 2904746

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 9.0 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/HF/KS/1000/YUC - 2904637

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 10.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/1500/YUC - 2904638

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 15.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/2000/YUC - 2904487

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 20.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/2500/YUC - 2904639

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 25.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/3000/YUC - 2904640

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 30.0 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Front adapters - FLK 50-PA/EZ-DR/HF/KS/3500/YUC - 2904641

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 35.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/4000/YUC - 2904642

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 40.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/4500/YUC - 2904643

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 45.0 m

Front adapters - FLK 50-PA/EZ-DR/HF/KS/5000/YUC - 2904644

Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 50.0 m

Fuse

Fuse set - VF-SI/TR5/2AT - 2900996

Fuse set, Number: 8 Pcs., Fuse type: Fuse (TR5), Nominal current: 2 A, Tripping characteristic: slow-blow (T)

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Fuse set - VF-SI/TR5/0,063AT - 2901004

Fuse set, Number: 8 Pcs., Fuse type: Fuse (TR5), Nominal current: 0.063 A, Tripping characteristic: slow-blow (T)

System cable

Cable - FLK-MIL50/EZ-DR/KS/ 200/YCS - 2314590

Round cable set for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x Yokogawa, KS compatible (50-position), Cable length: 2 m

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Cable - FLK-MIL50/EZ-DR/KS/ 300/YCS - 2314781

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x Yokogawa, KS compatible (50-position), Cable length: 3 m

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Cable - FLK-MIL50/EZ-DR/KS/ 400/YCS - 2314794

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x Yokogawa, KS compatible (50-position), Cable length: 4 m

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Cable - FLK-MIL50/EZ-DR/KS/1000/YCS - 2314804

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x Yokogawa, KS compatible (50-position), Cable length: 10 m

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Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Cable - FLK-MIL50/EZ-DR/KS/1500/YCS - 2314817

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 15 m

Cable - FLK-MIL50/EZ-DR/KS/2000/YCS - 2314820

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 20 m

Cable - FLK-MIL50/EZ-DR/KS/3000/YCS - 2901018

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 30 m

Cable - FLK-MIL50/EZ-DR/KS/3500/YCS - 2901019

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 35 m

Cable - FLK-MIL50/EZ-DR/KS/4000/YCS - 2901020

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 40 m

Passive module - FLKM-2KS50/PMT/ADV151/Z/YCS - 2321923

Accessories

Cable - FLK-MIL50/EZ-DR/KS/8000/YCS - 2321868

Assembled shielded round cable for Yokogawa CS3000 CentumVP ADV561, ADV161 with 1 x IDC/FLK socket strip (50-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 80 m