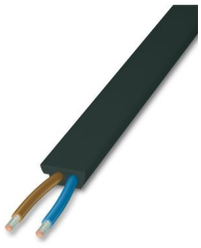
chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



AS-Interface PUR flat conductor in black, for additional power supply, 2 x 1.5 mm^2, 100 m ring

Commercial data

Item number	1404896
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF1LFA
Product key	BF1LFA
Catalog page	Page 438 (C-2-2019)
GTIN	4046356327626
Weight per piece (including packing)	6,206 g
Weight per piece (excluding packing)	6,013 g
Customs tariff number	85444995
Country of origin	DE

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Technical data

Product properties

Product type	Data cable by the meter
Sensor type	AS-Interface
Number of positions	2

Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	2 kV

Interfaces

Signal type/category	AS-Interface

Dimensions

Width	10 mm
Height	4 mm

Cable/line

Cable length	100 m
Cable weight	64 kg/km
Number of positions	2
Shielded	no
Conductor structure	2 x 1.5 mm²
Conductor type	Flat cable
Conductor cross section	1.5 mm²
Wire diameter incl. insulation	2.5 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PP
Single wire, color	brown, blue
Thickness, insulation	approx. 0.50 mm
Max. conductor resistance	≤ 13.7 Ω/km
Insulation resistance	≥ 1 MΩ*km
Nominal voltage, cable	48 V
Test voltage	2000 V
Smallest bending radius, fixed installation	≥ 6 mm (one-time)
Max. bending cycles	8000000
	10000000
Halogen-free	yes
Special properties	Silicone-free
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-30 °C ... 85 °C (Cable, flexible installation)

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-30 °C ... 85 °C (Flexibly installed)
	-40 °C ... 85 °C (fixed routing)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-30 °C ... 85 °C

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Classifications

ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801

ETIM

ETIM 9.0	EC003249

UNSPSC

UNSPSC 21.0	26121600

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Accessories

ASI SACB KABEL-ENDDICHTUNG - Seal

1692336

https://www.phoenixcontact.com/gb/products/1692336



End sealing for AS-Interface flat-ribbon conductor, can be used on both sides, color:Black

VS-ASI-2FC-FIX - Fastening clip

1404757

https://www.phoenixcontact.com/gb/products/1404757



Fastening clip for two AS-Interface flat conductors, self-adhesive and with a 3 mm hole for additional fastening, plastic, gray

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Q 1,5/4A50/24-M20KU-ESA-ASI BK - Panel feed-through

1437274

https://www.phoenixcontact.com/gb/products/1437274



Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat-ribbon conductors, on the rear side with four 0.5 m long individual wires 1.5 mm^2

Q 1,5/4IDC/24-24KU-KU-ASI-BK - Conductor connectors

1585058

https://www.phoenixcontact.com/gb/products/1585058



Flat conductor connector with QUICKON fast connection technology, 4-pos., for connecting one or two AS-interface flat conductors

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

Q 1,5/4FL/24-M20KU-ESA-ASI BK - Panel feed-through

1437261

https://www.phoenixcontact.com/gb/products/1437261



Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat conductors, on the rear side with manual solder/slip-on connection 4.8 x 0.8 mm

VS-ASI-FC-SEAL-HP - Seal

1400374

https://www.phoenixcontact.com/gb/products/1400374



End sealing for AS-Interface flat-ribbon conductor, can be used on both sides, IP67 degree of protection:

chanhvinh.com

VS-ASI-FC-PUR-BK 100M - Flat cable

1404896

https://www.phoenixcontact.com/gb/products/1404896

WIREFOX ASI - Stripping tool

1212154

https://www.phoenixcontact.com/gb/products/1212154



Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

Phoenix Contact 2024 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk