



Zivid Power Extension Cable

Datasheet

Date: 24.11.2025

Revision: 2.0

Product codes: ZVDA-CBL-PWR-3M

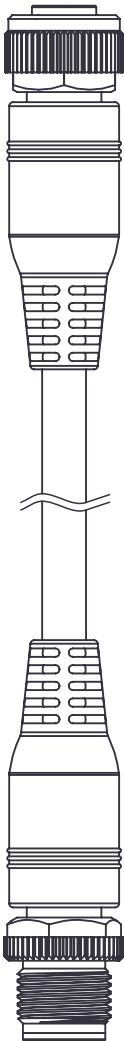
ZVDA-CBL-PWR-5M

ZVDA-CBL-PWR-10M

ZVDA-CBL-PWR-20M

ZVDA-CBL-PWR-3M-RA

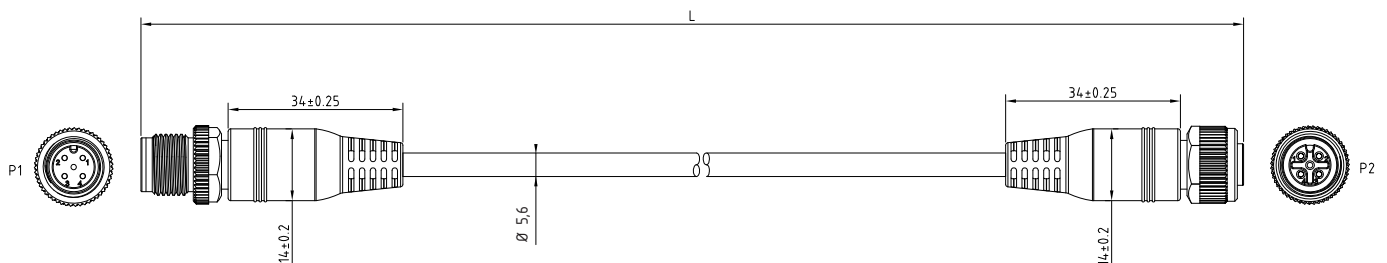
ZVDA-CBL-PWR-3M-RA



General specifications - Straight Connector

Cable	21 AWG x 4 PUR jacket. 5,6 mm OD, black Kevlar filler Flame / oil resistant (FT1 / 100 °C x 168h)
Connector 1	M12-8P-X male
Connector 2	M12-8P-X female
Minimum bend radius dynamic/static	R 28 / 17 mm
Bend cycles R56 ± 90°	5 million
Bend cycles R60 ± 90°	11 million
Twist cycles ± 270°, 50 mm	14 million
Reverse performance ± 270°, 0,5 m spacing	10 million
Tensile strength	1200 N
RoHS	Compliant
Compatible Products	All

Technical Drawing



Wire List

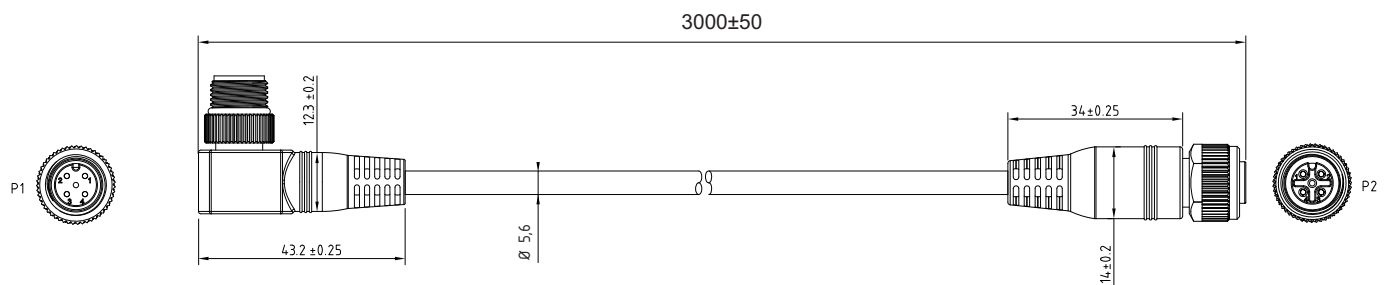
P1	P2	Purpose
1	1	24 DC
2	2	24 DC
3	3	GND
4	4	GND
5	5	NC

Ordering code	L [m]	Status
ZVDA-CBL-PWR-3M	3	Obsolete
ZVDA-CBL-PWR-5M	5	Active
ZVDA-CBL-PWR-10M	10	Active
ZVDA-CBL-PWR-20M	20	Active

General specifications - Male Angled Connector

Cable	21 AWG x 4 PUR jacket. 5,6 mm OD, black Kevlar filler Flame / oil resistant (FT1 / 100 °C x 168h)
Connector 1	M12-8P-X male
Connector 2	M12-8P-X female
Minimum bend radius dynamic/static	R 28 / 17 mm
Bend cycles R56 ± 90°	5 million
Bend cycles R60 ± 90°	11 million
Twist cycles ± 270°, 50 mm	14 million
Reverse performance ± 270°, 0,5 m spacing	10 million
Tensile strength	1200 N
RoHS	Compliant
Compatible Zivid Products	Zivid 2, Zivid 2+

Technical Drawing



Wire List

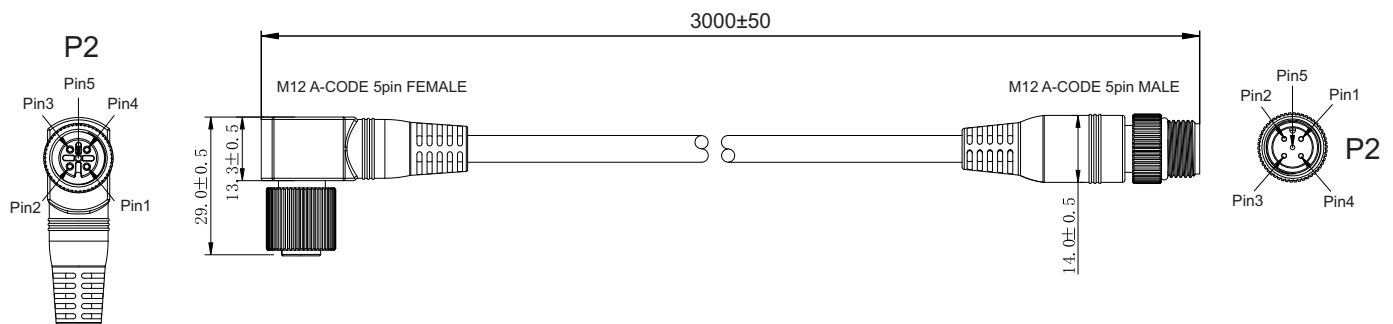
P1	P2	Purpose
1	1	24 DC
2	2	24 DC
3	3	GND
4	4	GND
5	5	NC

Ordering code	L [m]	Status
ZVDA-CBL-PWR-3M-RA	3	Active
ZVDA-CBL-PWR-5M-RA	5	Obsolete
ZVDA-CBL-PWR-10M-RA	10	Obsolete
ZVDA-CBL-PWR-20M-RA	20	Obsolete

General specifications - Female Angled Connector

Cable	21 AWG x 4 PUR jacket. 5,6 mm OD, black Kevlar filler Flame / oil resistant (FT1 / 100 °C x 168h)
Connector 1	M12-8P-X female
Connector 2	M12-8P-X male
Minimum bend radius dynamic/static	R 28 / 17 mm
Bend cycles R56 ± 90°	5 million
Bend cycles R60 ± 90°	11 million
Twist cycles ± 270°, 50 mm	14 million
Reverse performance ± 270°, 0,5 m spacing	10 million
Tensile strength	1200 N
RoHS	Compliant
Compatible Zivid Products	Zivid 3

Technical Drawing



Wire List

P1	P2	Purpose
1	1	24 DC
2	2	24 DC
3	3	GND
4	4	GND
5	5	NC

Ordering code	L [m]	Status
ZVDA-CBL-PWR-3M-RA-F	3	Active