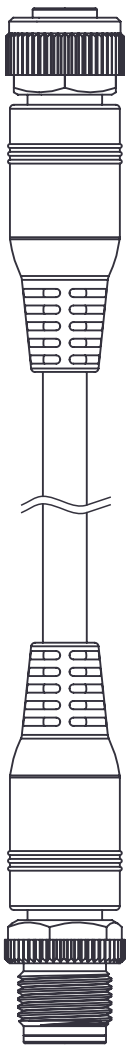
Zivid Power Extension Cable

Datasheet

Date: 03.04.2023
Revision: 1.3
Product codes: ZVDA-CBL-PWR-3M
ZVDA-CBL-PWR-5M
ZVDA-CBL-PWR-10M
ZVDA-CBL-PWR-20M

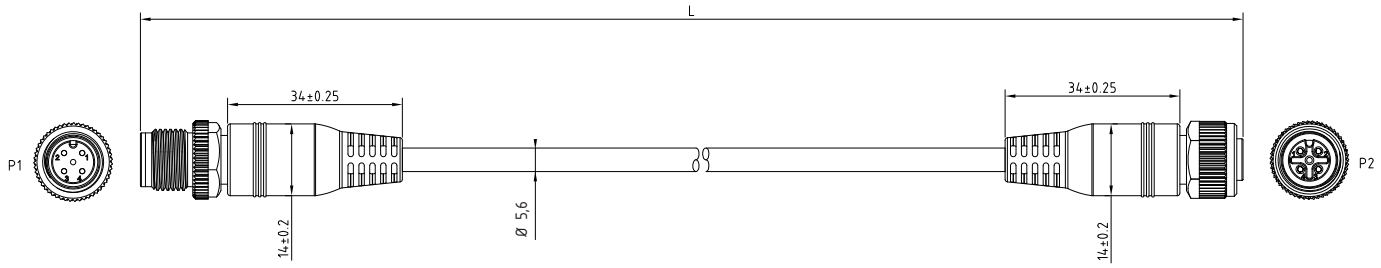
ZVDA-CBL-PWR-3M-RA
ZVDA-CBL-PWR-5M-RA
ZVDA-CBL-PWR-10M-RA
ZVDA-CBL-PWR-20M-RA



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 male
Connector 2	M12 female
Minimum bend radius dynamic/static	R 28 / 17 mm
Bend cycles R56 ± 90° Bend cycles R60 ± 90° Twist cycles ± 270°, 50 mm Reverse performance ± 270°, 0,5 m spacing	5 million 11 million 14 million 10 million
Tensile strength	1200 N
RoHS	Compliant

Technical Drawing



Wire List

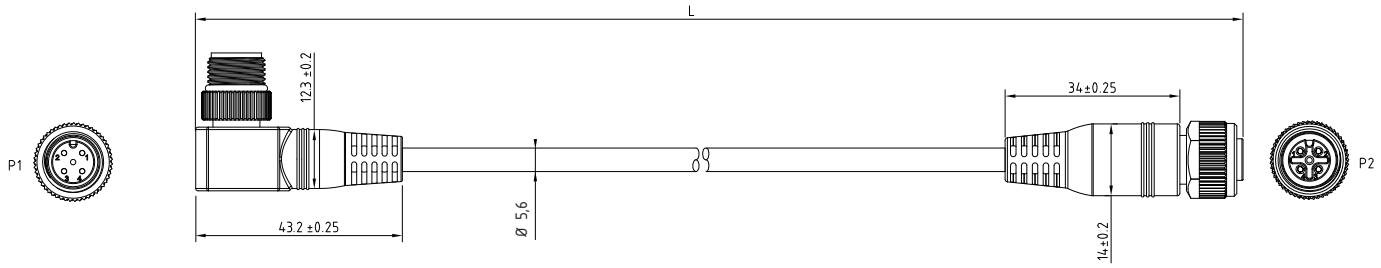
P1	P2	Purpose
1	1	24 DC
2	2	24 DC
3	3	GND
4	4	GND
5	5	NC

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 - 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 male
Connector 2	M12 female
Minimum bend radius dynamic/static	R 28 / 17 mm
Bend cycles R56 ± 90° Bend cycles R60 ± 90° Twist cycles ± 270°, 50 mm Reverse performance ± 270°, 0,5 m spacing	5 million 11 million 14 million 10 million
Tensile strength	1200 N
RoHS	Compliant

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