

A brand of Balluff <b>m<sup>v</sup> MATRIX<sup>®</sup> VISION</b>		Zeichnung: Drawing:	<b>1920009</b>			Document Revision:	3.01
<b>Datenblatt Data Sheet</b>		Artikel: Article:	<b>MV-DC1202 BCSX IO REV3</b>			Datum: Date:	17.10.11
freigegeben: released by:	Knopf	Sach Nr: Article code	<b>14574</b>	Art. Rev:	<b>3.00</b>	erstellt von: drawn by:	Wimmer

### History:

Doc-Rev	Datum	MA	Änderung
3.01	08.12.2020	KNO	New drawing and tech. description
3.00	11.11.2019	KNO	Wire red-blue connected to Pin 2, row NC deleted
2.01	26.02.2013	KNO	Erweiterung red-blue NC
2.00	17.01.11	WIM	Erweiterung GND auf I/O-Kabelpeitsche
1.00	02.02.10	WIM	Erstausgabe

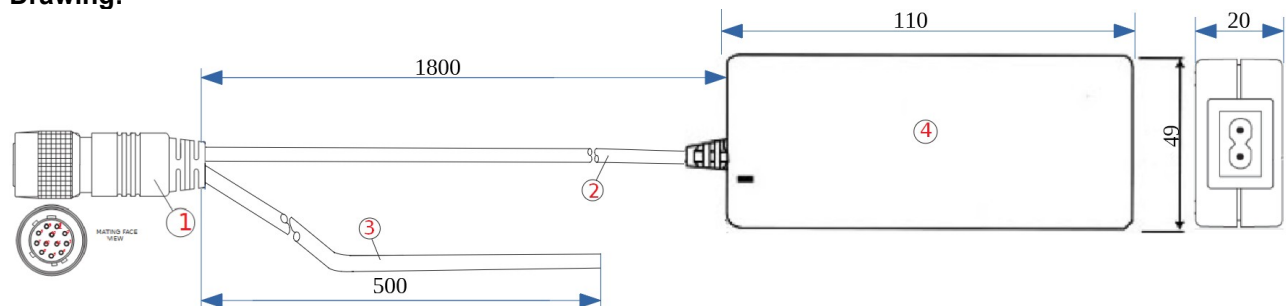
### Application:

Desktop power supply 12VDC / 2.5A to 12 pol. Hirose for mvBlueCOUGAR-X(D) and mvBlueFOX with dig. I/O on separate cable

### Technical specification:

Items	RoHS compliant		
1	Connector	CON1	Hirose HR10A-10P-12S
2	Cable specification	L1	AWG 18; 2 x 0.82mm <sup>2</sup> ; length 1800mm
3	Cable specification	L2	12 x 0.05mm <sup>2</sup> black shielded; length 500mm
4	Power supply		Deutronic ETC36G-12; Primary 100VAC to 240VAC; Secondary 12VDC, 2.5A
	Mains cable		IEC 60320-C7; 2-polig 1.8 m
	Label	Label	Refer below (optional)

### Drawing:



### Pin assignment

mvBlueCOUGAR-X(D)		mvBlueFOX3		Power supply		Digital IO
Hirose 12p female		Hirose 12p female		12 VDC		Cable with open ends
Pin	Signal	Pin	Signal	Pin	Signal	Colour code
1	GND (12VDC)	1	GND (12VDC)		GND	grey-pink
2	+12VDC	2	+12VDC (ex. FOX3-1)		+12VDC	red-blue
3	DigOut4	3	DigOut3			white
4	DigIn1 +	4	DigIn0 +			brown
5	DigOut 3	5	DigOut 2			green
6	DigOut 1	6	DigOut 0			yellow
7	DigIn GND	7	DigIn GND			gray
8	RS232 RX	8	RS232 RX			pink
9	RS232 TX	9	RS232 TX			blue
10	HSD Power In	10	+Out V+			red
11	DigIn2 +	11	DigIn1 +			black
12	DigOut 2	12	DigOut 1			violet
	Main connector shield		Main connector shield			Main shield

\* Not connected

### Label: optional

**MV-DC1202BCSX IO REV3**  
(CWJJ)

Position 50 mm beside CON1.  
YY= year; CW = calendar week