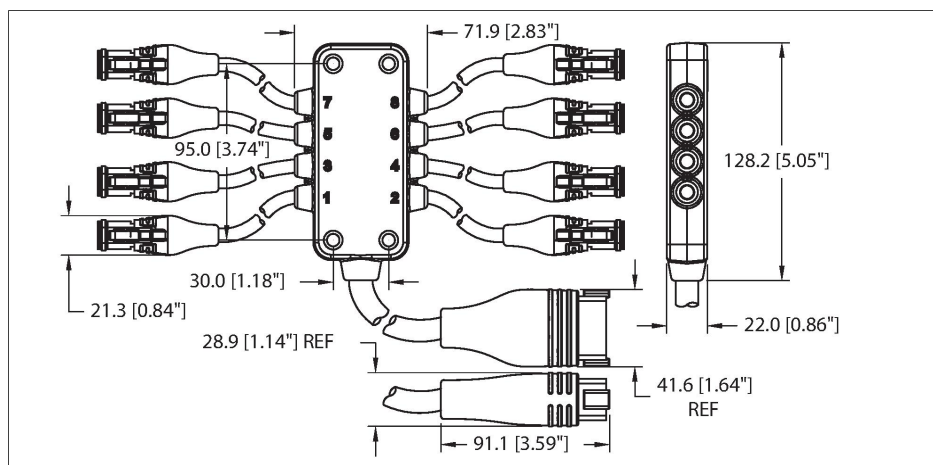


MJ8-DT06-2S-0.5-DT04-12PA-2

Junction Box - Actuator/Sensor, 8-port – DT06-2S, 2 pole I/O port with cable homerun



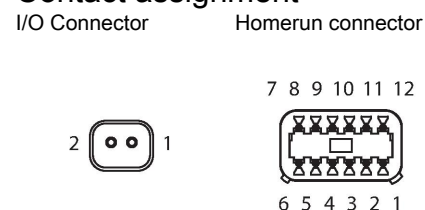
Features

- Housing material: TPU
- Housing color: Black
- Fully encapsulated
- Protection class: IEC: IP67
- I/O port: 3-pin
- Homerun length: 2 m
- Branch length: 0.5 m

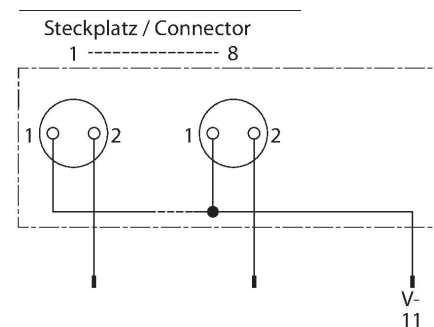
Technical data

Type	MJ8-DT06-2S-0.5-DT04-12PA-2
ID no.	UX14931
Distributed I/O	Junction box, 8, with integral homerun cable
Housing	Plastic, TPU, Black
I/O Port	DT06-2S, Female
Number of Pins	2
Contacts	0462-201-1641
Wedglock	W2S
Connector seal	Grommet
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67
Homerun connector	DT04-12PA with cable, Male, Side exit
Number of contacts	12
Contacts	0460-202-16141
Wedglock	W12P
Mechanical lifespan	> 100 Mating cycles
Protection class (When coupled)	IP67
Cable jacket	TPE, Black
Description of assembly	Homerun cable
Conductor material	TC (Tinned Copper)
Conductor insulation material	PVC
Cable conductor cross-section	12x18 AWG [Similar to 0.75 mm ²]

Contact assignment



Circuit Diagram



Technical data

Homerun length	2 m
Description of assembly	I/O Connector cable
Conductor material	TC (Tinned Copper)
Conductor insulation material	PVC
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm²]
Branch length	0.5 m
Electrical properties at +20 °C	
Current	6 A per drop, 6 A total
Mechanical and chemical properties	
Ambient temperature range (static)	-40 °C...+85 °C
Note	
- We reserve the right to make technical alterations without prior notice.	

Wiring

Port/Pin	J1/2	J2/2	J3/2	J4/2	J5/2	J6/2	J7/2	J8/2
DT04-12PA Homerun	1	2	3	4	5	6	7	8
Cable	OR	BL	WH/BK	RD/BK	GN/BK	OR/BK	BU/BK	BK/WH

Power J1-J8	≤30 VDC	0 VDC
DT04-12PA Homerun	-	11
Cable	-	WH