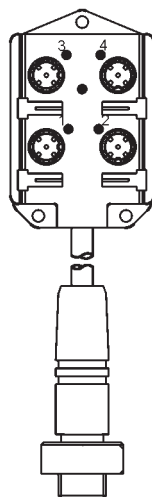
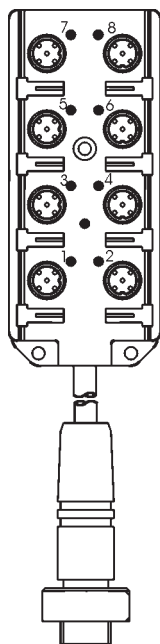
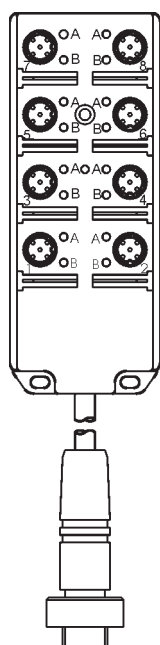


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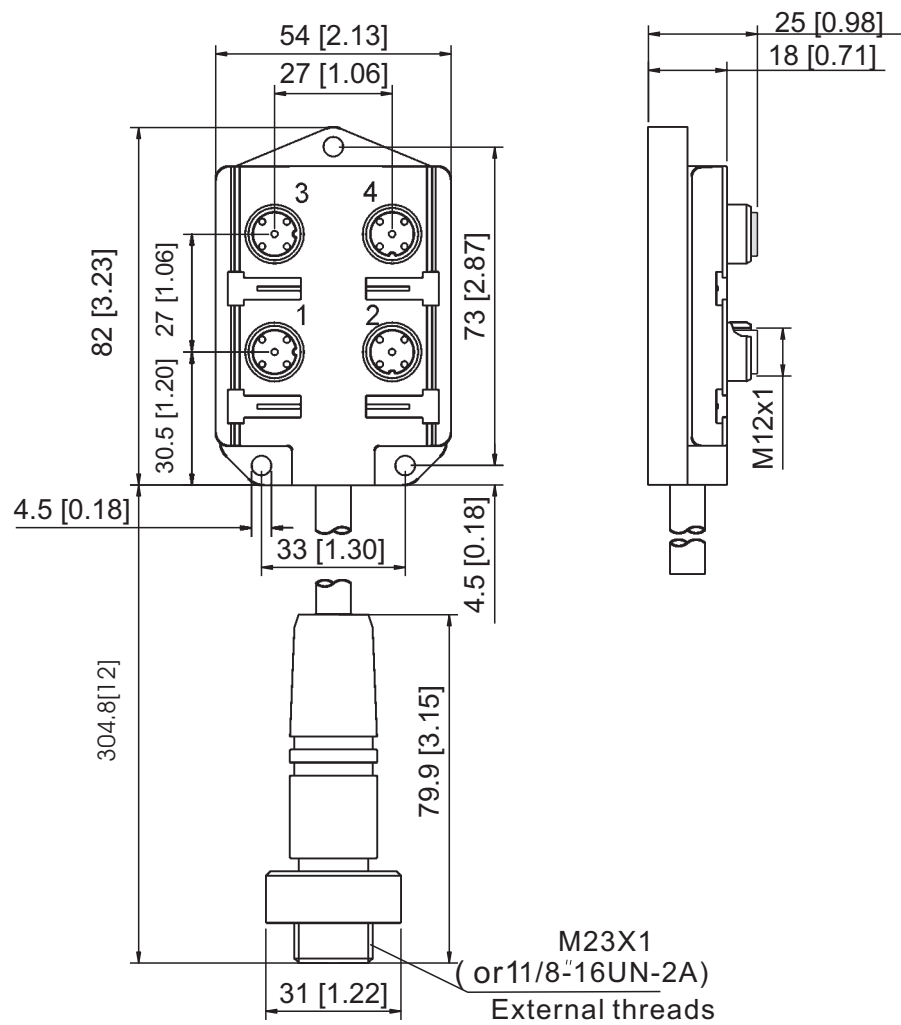
Page H40
page H42



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DISTRIBUTION BOXES(DBRP-SERIES)

Dimensional data



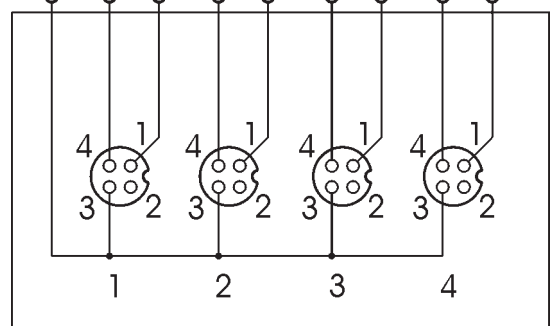
View



Mini male pin

10
7
2
6
8
5
3
4
1

Outlet/pin



DISTRIBUTION BOXES (DBRP-SERIES)

Description

Distribution Boxes, 4 ports, Pigtail

4 poles 3 wires, with two dust covers and ten attachable molds

Technical Data

1. Application Class: -15°C to +90°C

2. Materials:

Housing : Nylon 6/6
Contact: Brass, gold over nickel plating
Coupling Nut: Aluminum, Black anodized
Receptacle Shell: Brass, nickel plated
Insert: PUR (Polyurethane), black
O-Ring: Viton
Molded Body: PUR, Yellow
Male Insert: PUR, Yellow

3. Electrical Data:

Contact Resistance: $\leq 5\text{m}\Omega$
Current Rating: 4 Amps per outlet
12 Amp max per box

Working Voltage: 10-30VDC

Insulation Resistance: $>10^9\Omega$

4. Mechanical Data:

Insertion Force (contact) $\leq 2.0\text{N}$ (0.45LBS)

Withdrawal Force (contact) $\geq 0.5\text{N}$ (0.11LBS)

Protection: IP65 (only in fully locked position)

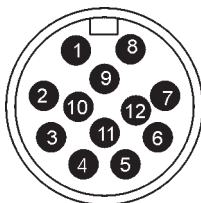
Shock: IEC-68-2-27

Vibration: IEC-68-2-6

5. CE Conformity with Standards:

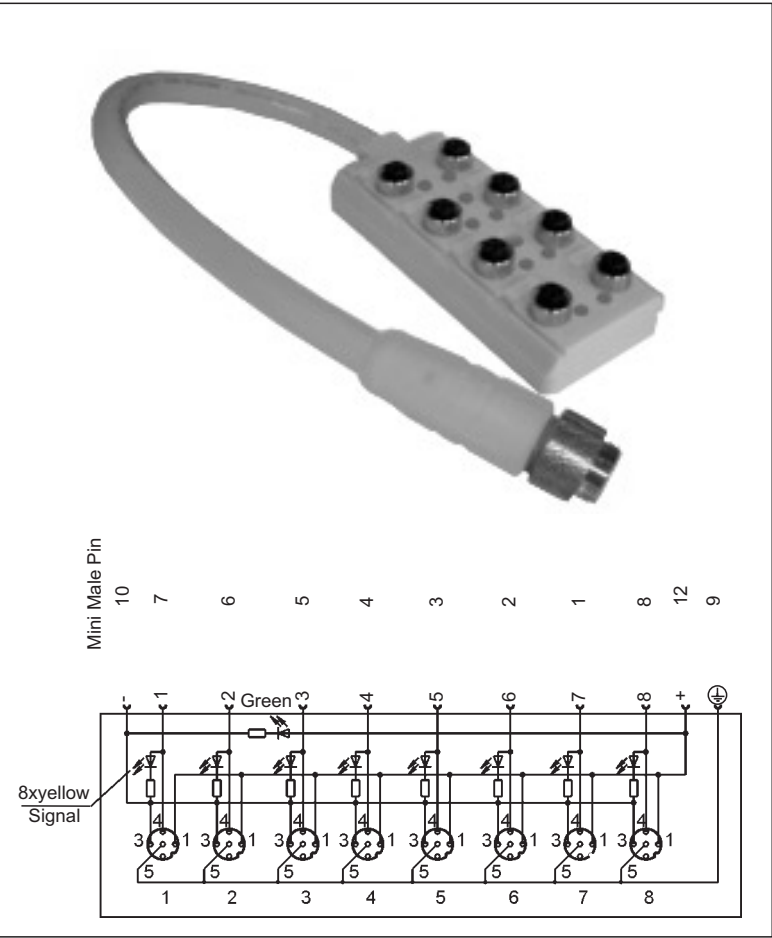
EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

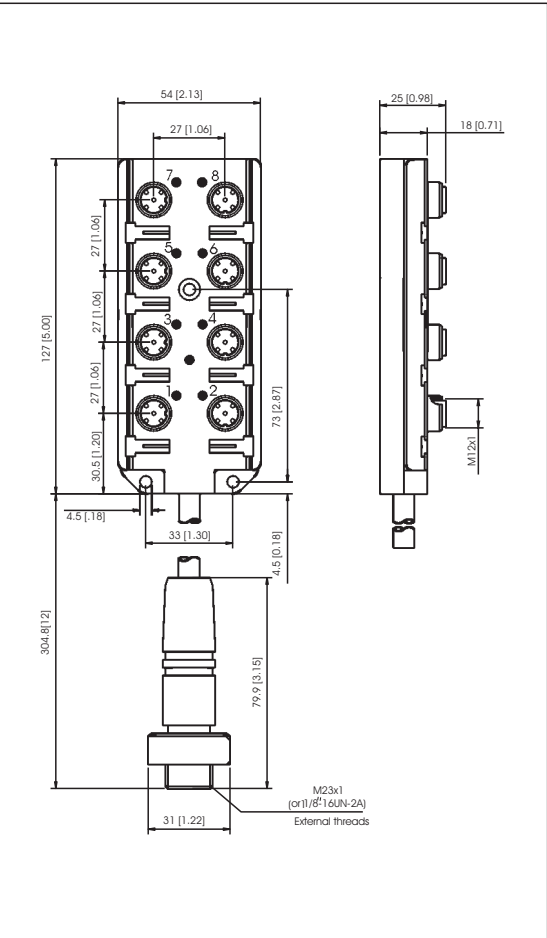
Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASTR4-4/3DZ-P12			M23X1	1=	4/1
ASTR4-4/3DZ-PZ12			11/8"-16	2=	1/1
				3=	3/1
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	2/1
				9=	Blank
				10=	(-)
				11=	Blank
				12=	Blank
Pigtail length			Number of cable		
305mm			40		
Reference pages J-1~J-17 for additional cable specification					

DISTRIBUTION BOXES(DBRP-SERIES)

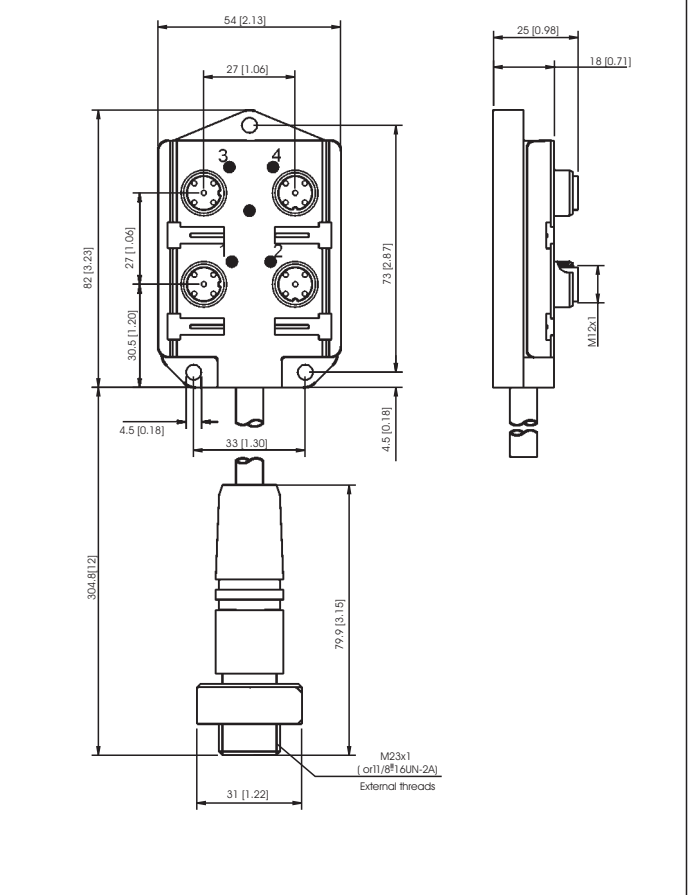
View



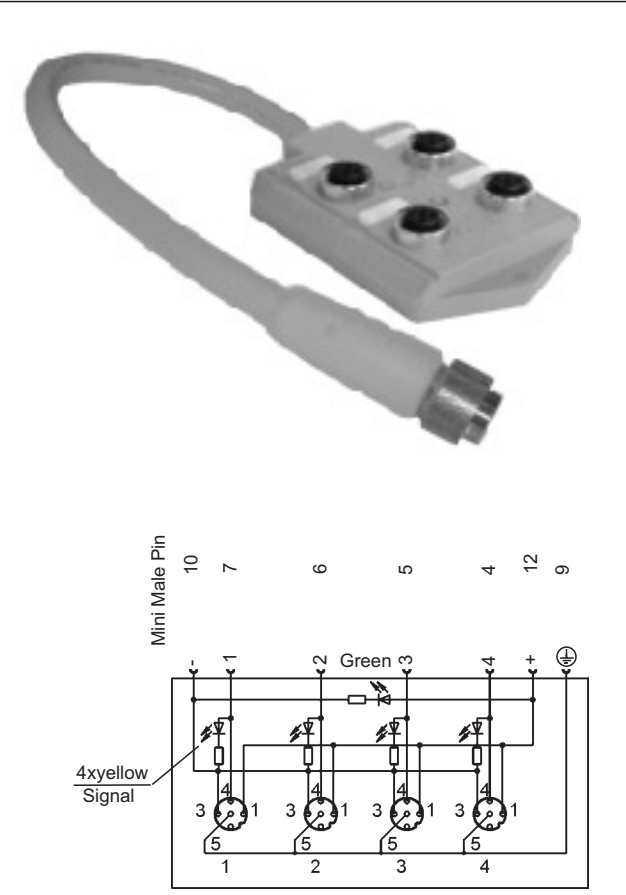
Dimensional data



Dimensional data



View



DISTRIBUTION BOXES (DBRP-SERIES)

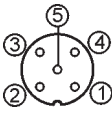
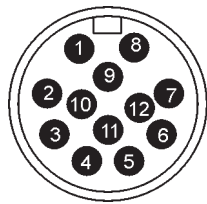
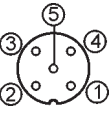
Description

Distribution Boxes, 4-8 port, Pigtail
5 poles 4 wires, with built-in LED(PNP). with two dust covers and ten attachable molds

Technical Data

1. Application Class:	-15°C to +90°C	Working Voltage:	10-30VDC
2. Materials:		Insulation Resistance:	>10 ⁹ Ω
Housing :	Nylon 6/6	4. Mechanical Data:	
Contact:	Brass, gold over nickel plating	Insertion Force (contact)	≤ 2.0N (0.45LBS)
Coupling Nut:	Aluminum, Black anodized	Withdrawal Force (contact):	≥ 0.5N (0.11LBS)
Receptacle Shell:	Brass, nickel plated	Protection:	IP65 (only in fully locked position)
Insert:	PUR (Polyurethane), black	Shock:	IEC-68-2-27
O-Ring:	Viton	Vibration:	IEC-68-2-6
Molded Body:	PUR, Yellow		
Male Insert:	PUR, Yellow		
3. Electrical Data:		5. CE Conformity with Standards:	
Contact Resistance:	≤ 5m Ω	EN50082-1, EN50082-2 and IEC60947-5-2	
Current Rating:	4Amps per outlet 12 Amp max per box		

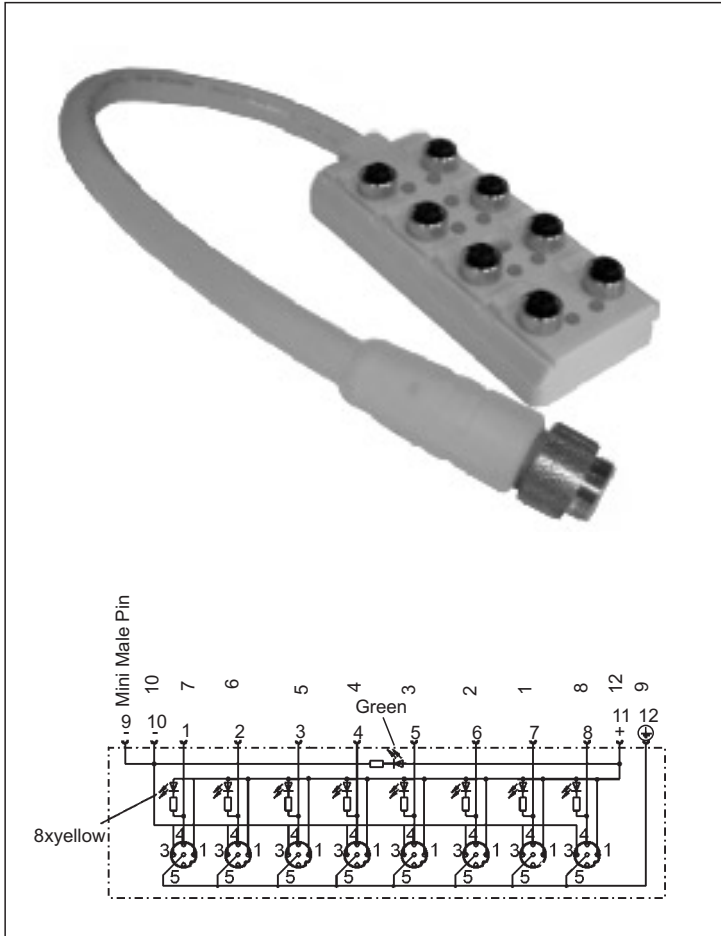
Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASTR4-5/4PA-P12			M23x1	1=	Blank
ASTR4-5/4PA-PZ12			1 1/8"-16	2=	Blank
				3=	Blank
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	Blank
				9=	(GND)
				10=	(-)
				11=	Blank
				12	(+)
DSTR8-5/4PA-P12			M23x1	1=	7/4
DSTR8-5/4PA-PZ12			1 1/8"-16	2=	6/4
				3=	5/4
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	8/4
				9=	(GND)
				10=	(-)
				11=	Blank
				12	(+)
	Pigtail length		Number of cable		
4 ports	305mm		30		
8 ports	305mm		32		

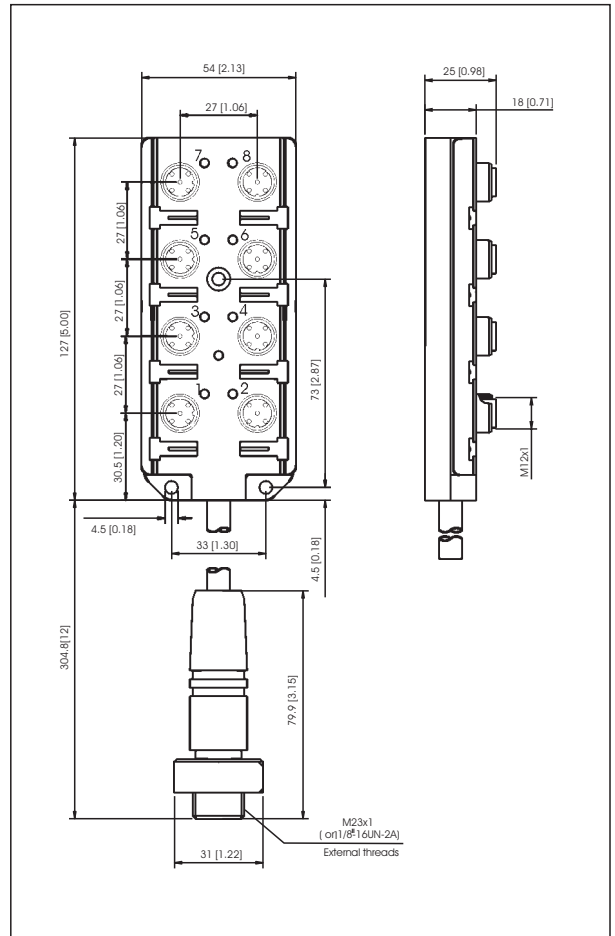
Reference pages J-1~J-17 for additional cable specification

DISTRIBUTION BOXES(DBRP-SERIES)

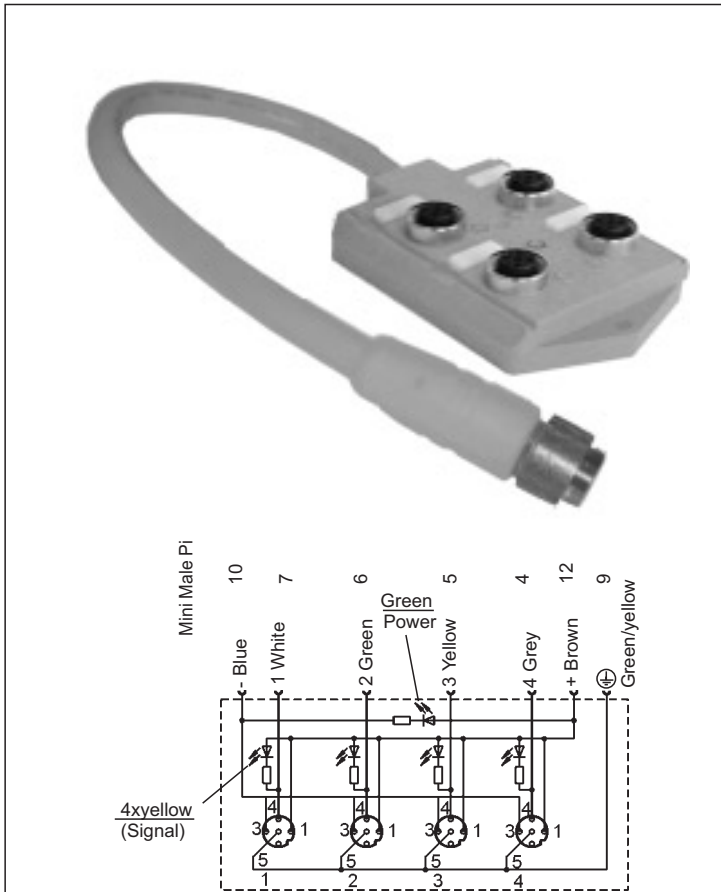
View



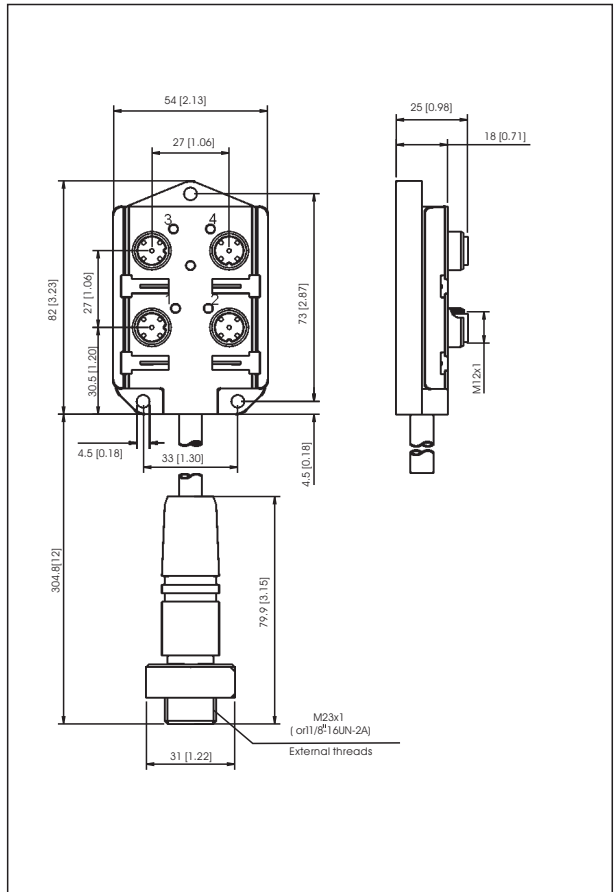
Dimensional data



View



Dimensional data



DISTRIBUTION BOXES (DBRP-SERIES)

Description

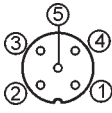
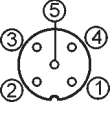
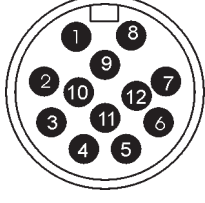
Distribution Boxes, 4-8 port, Pigtail

5 poles 4 wires, with built-in LED(PNP). with two dust covers and ten attachable molds

Technical Data

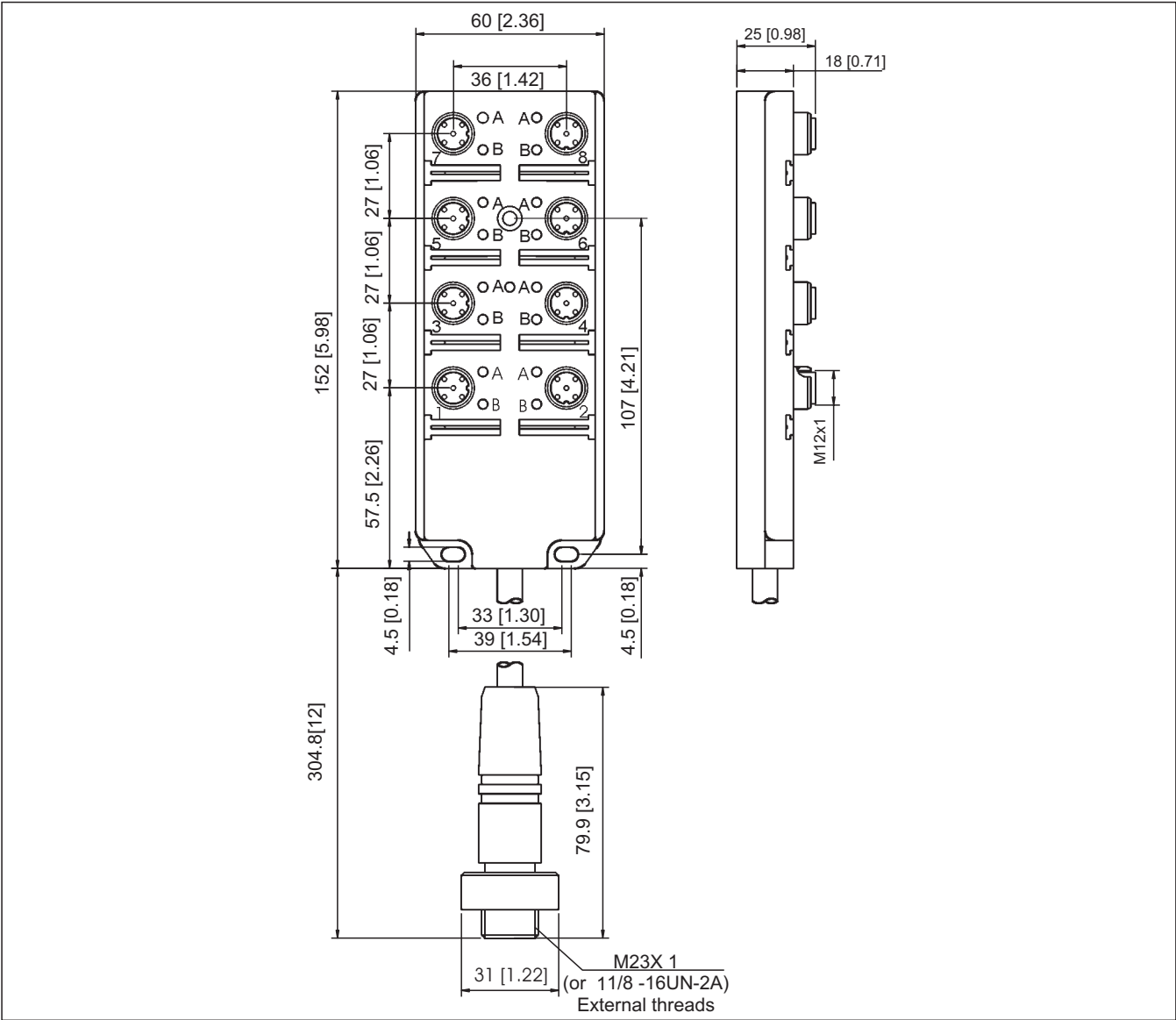
1. Application Class:	-15°C to +90°C	Working Voltage:	10-30VDC
2. Materials:		Insulation Resistance:	>10 ⁹ Ω
Housing :	Nylon 6/6	4. Mechanical Data:	
Contact:	Brass, gold over nickel plating	Insertion Force	
Coupling Nut:	Aluminum, Black anodized	(Contact):	≤ 2.0N (0.45LBS)
Receptacle Shell:	Brass, nickel plated	Withdrawal Force	
Insert:	PUR(Polyurethane), black	(contact):	≥ 0.5N (0.11LBS)
O-Ring:	Viton	Protection:	IP65(only in fully locked position)
Molded Body:	PUR, Yellow	Shock:	IEC-68-2-27
Male Insert:	PUR, Yellow	Vibration:	IEC-68-2-6
3. Electrical Data:		5. CE Conformity with Standards:	
Contact Resistance:	≤ 5m Ω	EN50082-1, EN50082-2 and IEC60947-5-2	
Current Rating:	4Amps per outlet 12 Amp max per box		

Order Information

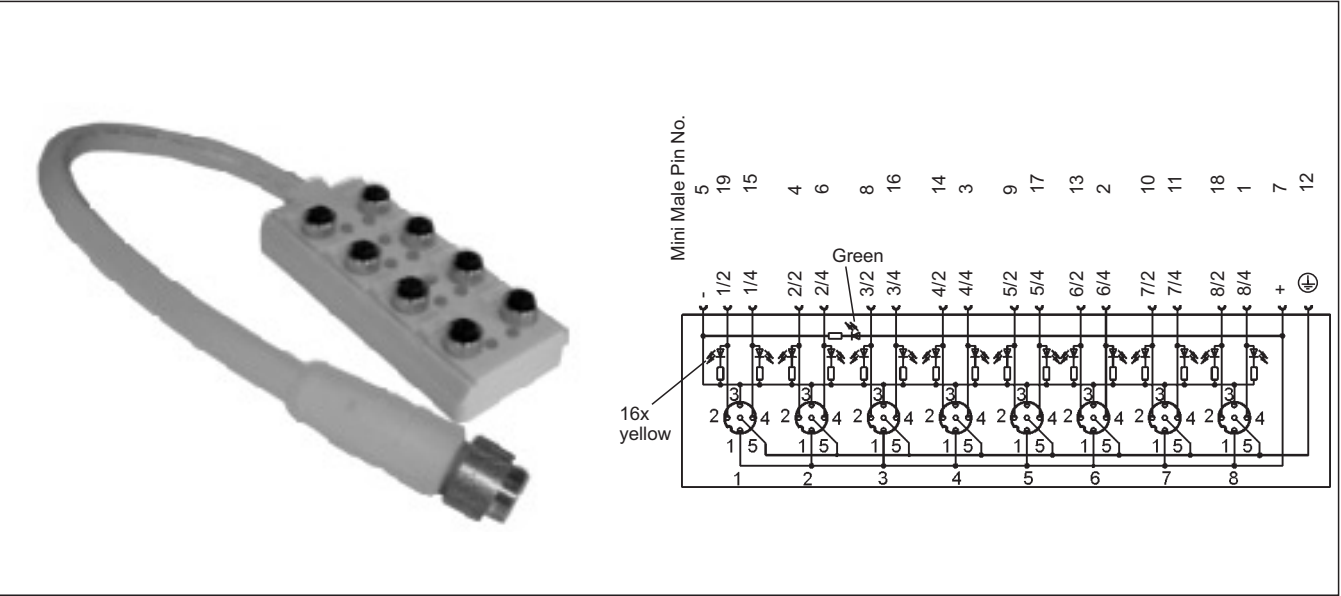
Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASTR4-5/4NA-P12			M23x1	1=	Blank
ASTR4-5/4NA-PZ12			11/8"-16	2=	Blank
				3=	Blank
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	Blank
				9=	(gnd)
				10=	(-)
				11=	Blank
				12	(+)
DSTR8-5/4NA-P12			M23x1	1=	7/4
DSTR8-5/4NA-PZ12			11/8"-16	2=	6/4
				3=	5/4
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	8/4
				9=	(gnd)
				10=	(-)
				11=	Blank
				12	(+)
	Pigtail length		Number of cable		
4 ports	305mm		30		
8 ports	305mm		32		
Reference pages J-1~J-17 for additional cable specification					

DISTRIBUTION BOXES(DBRP-SERIES)

Dimensional data



View



DISTRIBUTION BOXES (DBRP-SERIES)

Description

Distribution Boxes, 8 ports, Pigtail

5 poles 5 wires, with built-in LED's, with two dust covers and ten attachable molds

Technical Data

1. Application Class: -15°C to + 90°C

2. Materials:

Housing : Nylon 6/6
Contact: Brass, gold over nickel plating
Coupling Nut: Aluminum, Black anodized
Receptacle Shell: Brass, nickel plated
Insert: PUR (Polyurethane), black
O-Ring: Viton
Molded Body: PUR, Yellow
Male Insert: PUR, Yellow

3. Electrical Data:

Contact Resistance: $\leq 5\text{m}\Omega$
Current Rating: 4Amps per outlet
12 Amp max per box

Working Voltage: 10-30VDC

Insulation Resistance: $>10^9\Omega$

4. Mechanical Data:

Insertion Force (contact): $\leq 2.0\text{N}$ (0.45LBS)

Withdrawal Force (contact): $\geq 0.5\text{N}$ (0.11LBS)

Protection: IP65 (only in fully locked position)

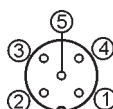
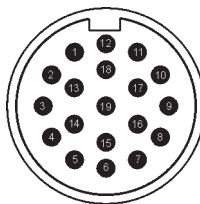
Shock: IEC-68-2-27

Vibration: IEC-68-2-6

5. CE Conformity with Standards:

EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

Part Number	Face View Outlets	Face View of Male Plug	Wiring Diagram	
			Mini Male Pin	Outlet Pin
DLTR8-5/5DC-P19			1=	8/4
			2=	6/4
			3=	4/4
			4=	2/2
			5=	(-)
			6=	2/4
			7=	(+)
			8=	3/1
			9=	5/2
			10=	7/2
			11=	7/4
			12=	(GND)
			13=	6/2
			14=	4/2
			15=	1/4
			16=	3/4
			17=	5/4
			18=	8/2
			19=	1/2
Pigtail length		Pigtail thread	Number of cable	
305mm		M23X1	38	
Reference pages J-1~J-17 for additional cable specification				