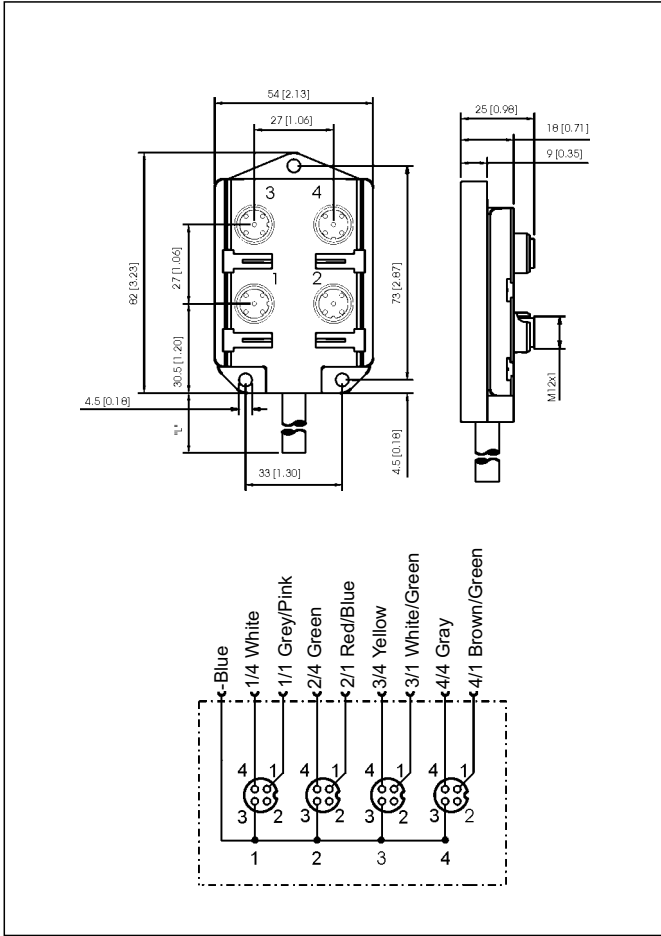


# DISTRIBUTION BOXES(DBR-SERIES)

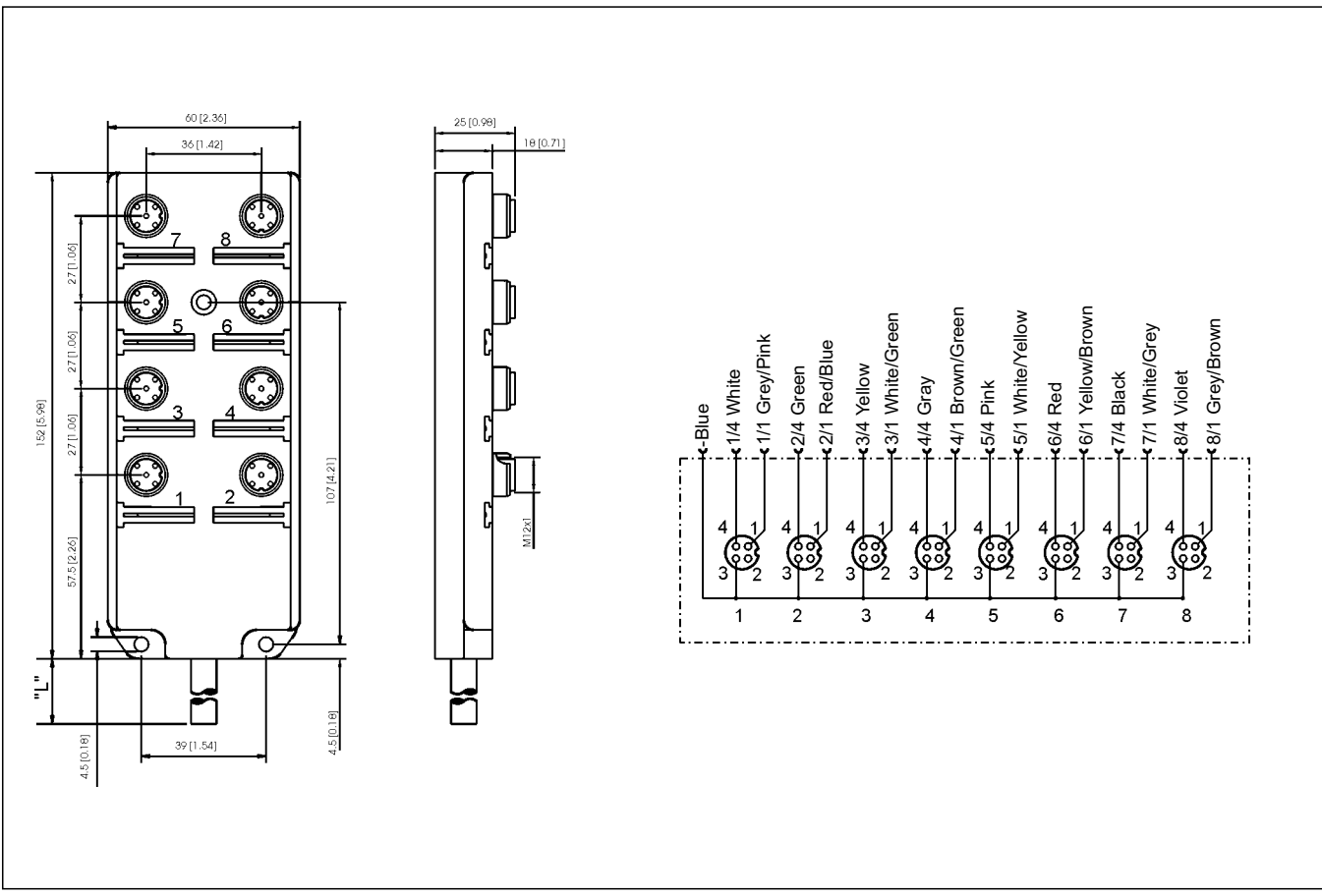
## View



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBR-SERIES)

## Description

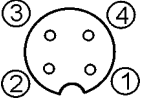
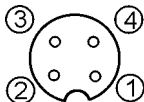
Distribution Boxes,4-8 port-Cable Version

4 poles 3 wires module for DC applications,with two dust covers and ten attachable molds

## Technical Data

- |   |  |
|---|--|
| <p><b>1. Application Class:</b> -15°C to +90°C</p> <p><b>2. Materials:</b><br/>                 Housing: Nylon 6/6<br/>                 Contact: Brass,gold over nickel plating<br/>                 Receptacle Shell: Brass.nickel plated<br/>                 Insert: PUR(Polyurethane),black<br/>                 O-Ring: Viton</p> <p><b>3. Electrical Data:</b><br/>                 Contact Resistance: <math>\leq 5m\Omega</math><br/>                 Current Rating: 4 Amps per outlet<br/>                 12 Amp max per box<br/>                 Working Voltage: 60VAC/75VDC<br/>                 Insulation Resistance: <math>&gt;10^9\Omega</math></p> | <p><b>4. Mechanical Data:</b><br/>                 Insertion Force (contact): <math>\leq 2.0N(.45LBS)</math><br/>                 Withdrawal Force (contact): <math>\geq 0.5N(.11LBS)</math><br/>                 Protection: IP68,NEMA 6P(only in fully locked position)<br/>                 Shock: IEC-68-2-27<br/>                 Vibration: IEC-68-2-6</p> <p><b>5. CE Conformity with Standards:</b><br/>                 EN50082-1, EN50082-2 and IEC60947-5-2</p> |
|---|--|

## Order Information

Part Number	Poles	Color Code	Cable Type		
			Lead(mm <sup>2</sup> )	Outer Jacket	
ASTR4-4/3UZ-40XX	4	 <p>1=grey/pink (1)                      red/blue (2)                      white/green (3)                      brown/green(4)                      2=no wire                      3=blue                      4=white (1)                      green (2)                      yellow (3)                      grey (4)</p>	3x0.80(160xφ0.08) 6x0.40(80xφ0.08)	φ9.0	PUR/PVC
DLTR8-4/3UZ-41XX	4	 <p>1=grey/pink (1)                      red/blue (2)                      white/green (3)                      brown/green (4)                      white/yellow (5)                      yellow/brown (6)                      white/grey (7)                      grey/brown (8)                      2=no wire                      3=blue                      4=white (1)                      green (2)                      yellow (3)                      grey (4)                      pink (5)                      red (6)                      black (7)                      violet (8)</p>	1x0.80(160xφ0.08) 16x0.40(80xφ0.08)	φ9.0	PUR/PVC

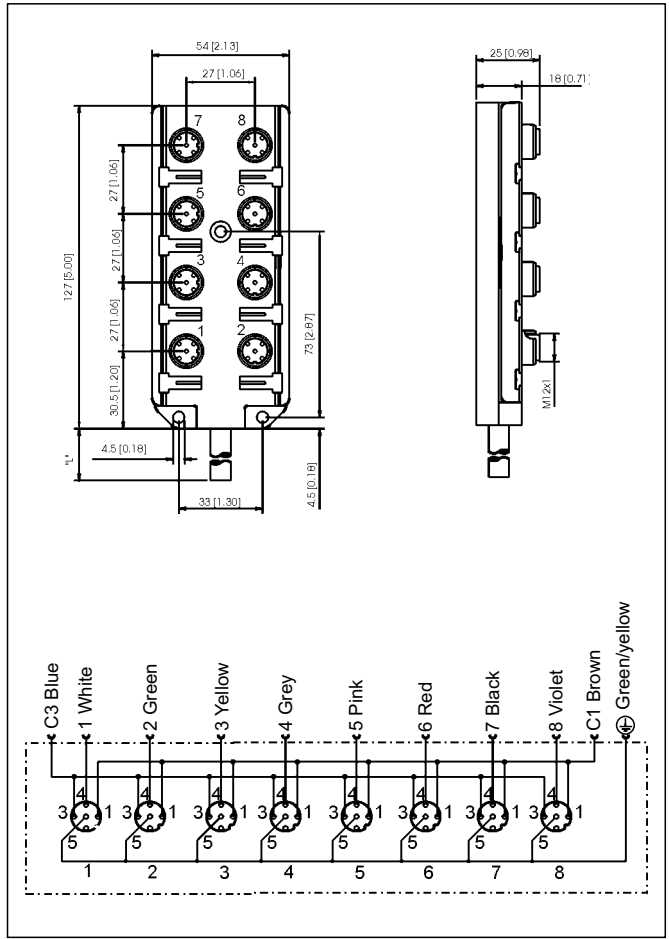
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES(DBR-SERIES)

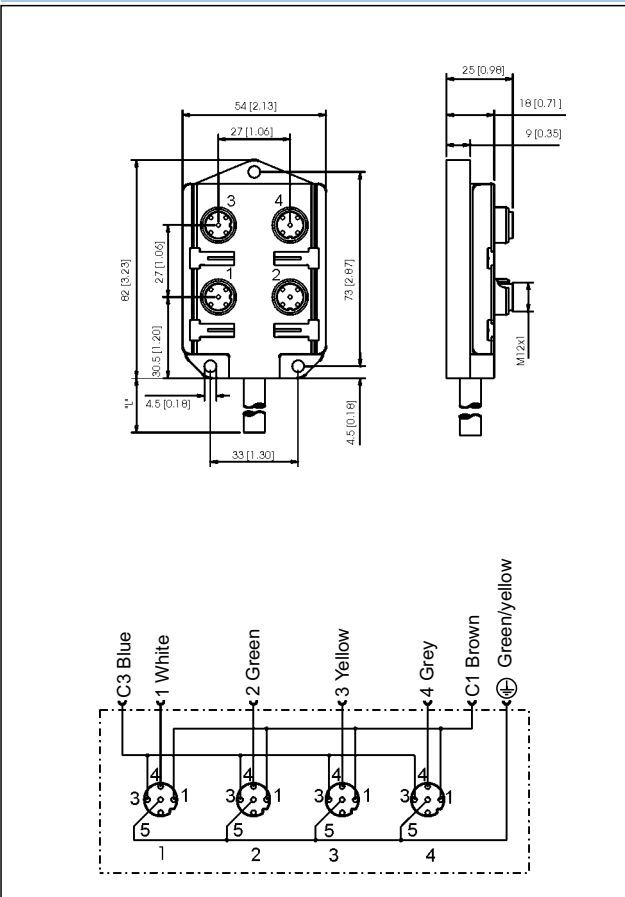
## View



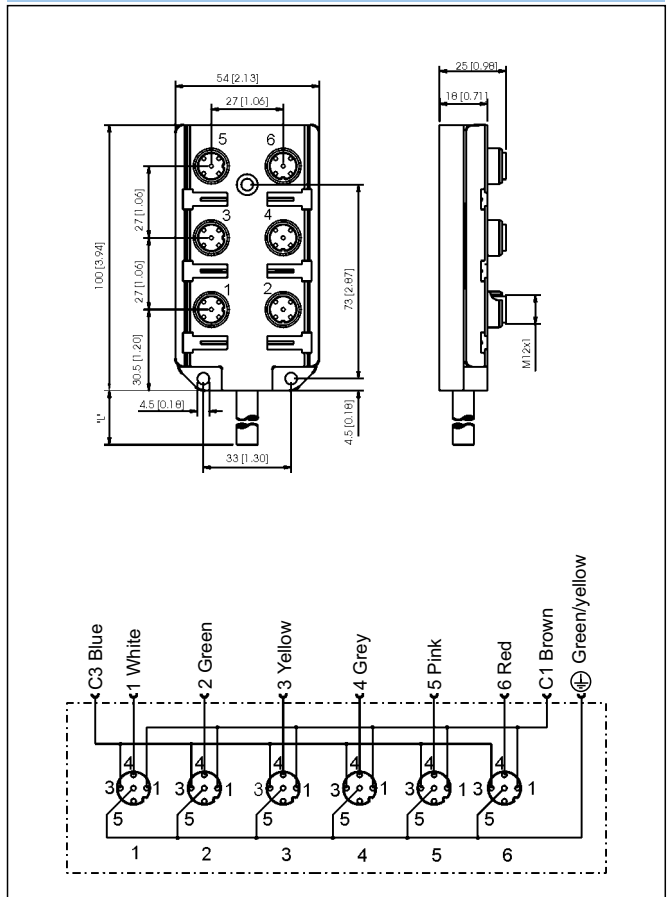
## Dimensional data



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBR-SERIES)

## Description

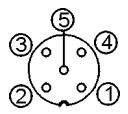
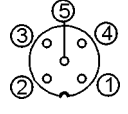
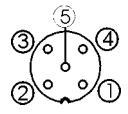
Distribution Boxes,4-6-8 port-Cable Version

5 poles 4 wires,earth connection,with two dust covers and ten attachable molds

## Technical Data

<b>1. Application Class:</b>	-15°C to +90°C	<b>4. Mechanical Data:</b>	
<b>2. Materials:</b>		Insertion Force:	
Housing:	Nylon 6/6 Optional-yellow	(contact):	≤2.0N( .45LBS)
Contact:	Brass,gold over nickel plating	Withdrawal Force	
Receptacle Shell:	Brass,nickel plated	(contact):	≥0.5N( .11LBS)
Insert:	PUR(Polyurethane),black	Protection:	IP68,NEMA 6P(only in fully locked position)
O-Ring:	Viton	Shock:	IEC-68-2-27
<b>3. Electrical Data:</b>		Vibration:	IEC-68-2-6
Contact Resistance:	≤5m Ω	<b>5. CE Conformity with Standards:</b>	
Current Rating:	4 Amps per outlet 12 Amp max per box	EN50082-1, EN50082-2 and IEC60947-5-2	
Working Voltage:	250VAC		
Insulation Resistance:	>10 <sup>9</sup> Ω		

## Order Information

Part Number	Poles	Color Code	Cable Type		
			Lead(mm <sup>2</sup> )	Outer Jacket	
ASTR4-5/4AZ-30XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4)	3x0.75(96xφ0.10)  4x0.34(42xφ0.10)	φ8.4	PUR/PVC
ASTR4-5/4AZ-20XX		5 = green/yellow (GND)			PVC (irradiated)
ASTR4-5/4AZ-10XX		PVC			
DSTR6-5/4AZ-33XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6)	3x0.75(96xφ0.10)  6x0.34(42xφ0.10)	φ9.0	PUR/PVC
DSTR6-5/4AZ-21XX		5 = green/yellow (GND)			PVC (irradiated)
DSTR6-5/4AZ-11XX		PVC			
DSTR8-5/4AZ-32XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8)	3x0.75(96xφ0.10)  8x0.34(42xφ0.10)	φ9.0	PUR/PVC
DSTR8-5/4AZ-22XX		5 = green/yellow (GND)			PVC (irradiated)
DSTR8-5/4AZ-12XX		PVC			

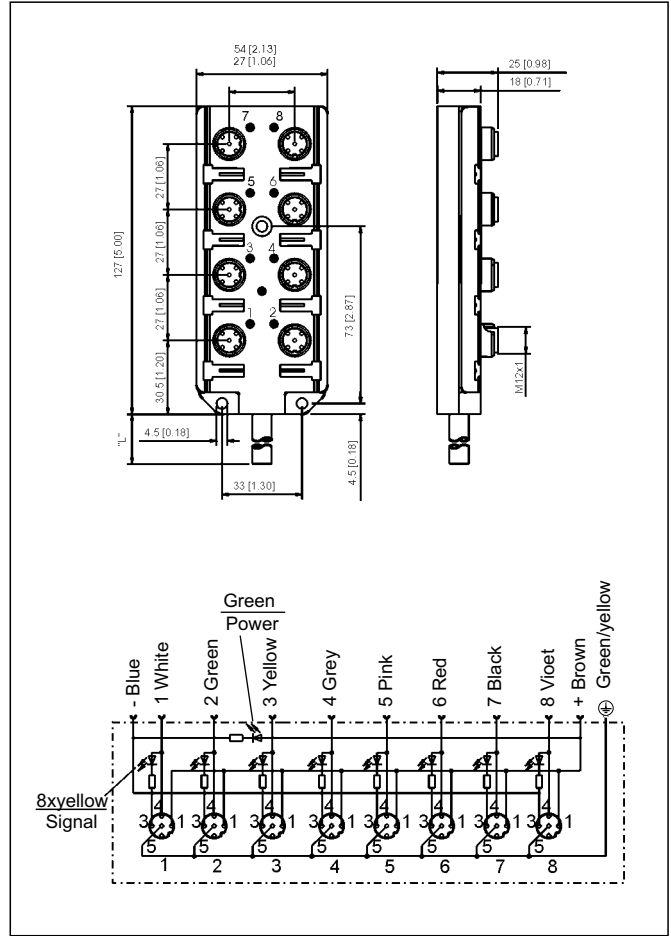
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES(DBR-SERIES)

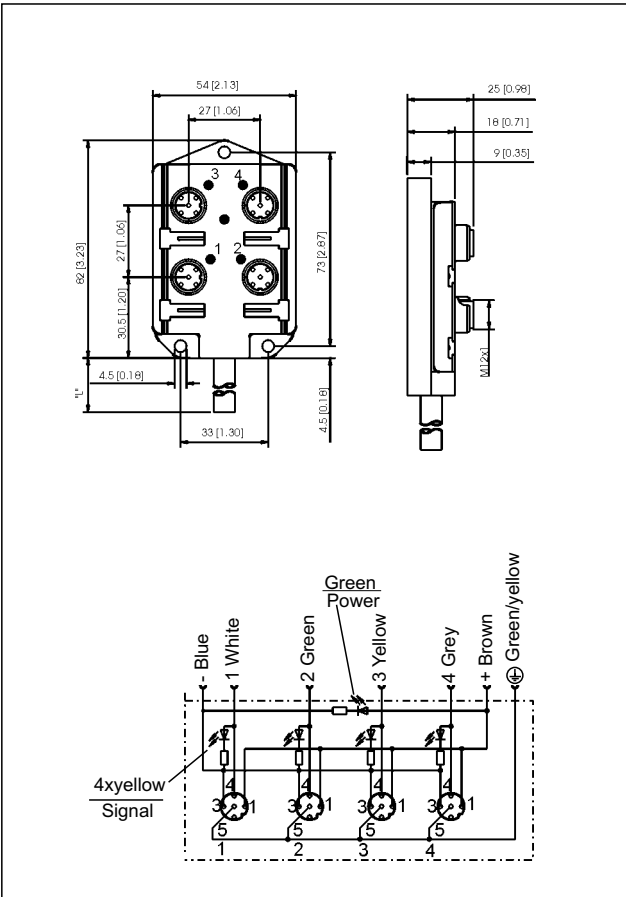
## View



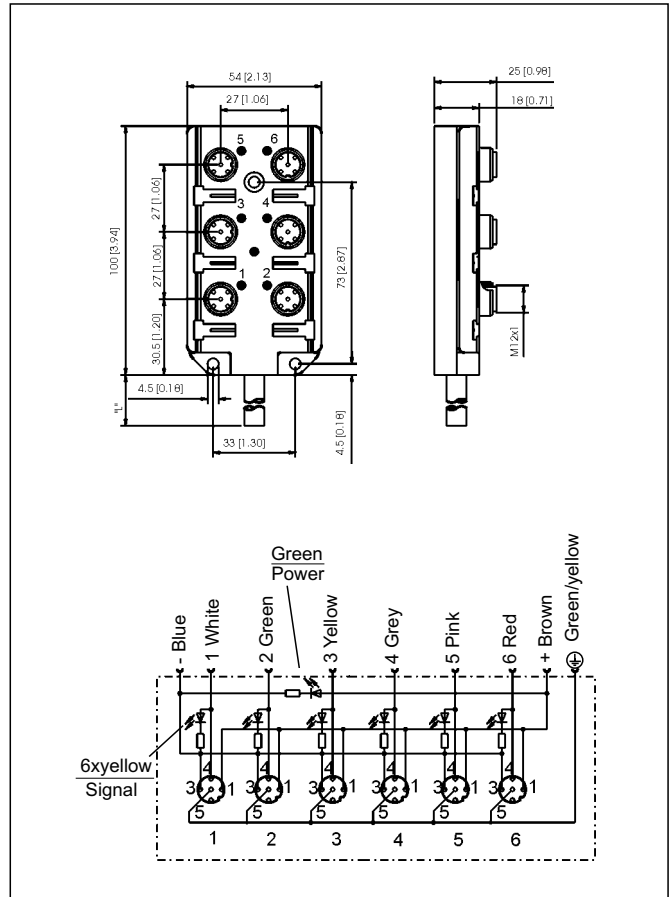
## Dimensional data



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBR-SERIES)

## Description

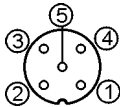
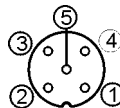
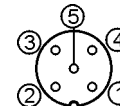
Distribution Boxes,4-6-8 port Cable Version

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

## Technical Data

1. Application Class:	-15°C to +90°C	4. Mechanical Data:	
2. Materials:		Insertion Force	
Housing:	Nylon 6/6	(contact):	≤ 2.0N (.45LBS)
	Optional-yellow	Withdrawal Force	
Contact:	Brass,gold over nickel plating	(contact):	≥ 0.5N (.11LBS)
Receptacle Shell:	Brass,nickel plated	Protection:	IP68,NEMA 6P(only in fully locked position)
Insert:	PUR(Polyurethane),black	Shock:	IEC-68-2-27
O-Ring:	Viton	Vibration:	IEC-68-2-6
3. Electrical Data:		5. CE Conformity with Standards:	
Contact Resistance:	≤ 5m Ω		
Current Rating:	4 Amps per outlet 12 Amp max per box	EN50082-1, EN50082-2 and IEC60947-5-2	
Working Voltage:	10-30VDC		
Insulation Resistance:	>10 <sup>9</sup> Ω		

## Order Information

Part Number	Poles	Color Code	Cable Type	
			Lead(mm <sup>2</sup> )	Outer Jacket
ASTR4-5/4PA-30XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND)	3x0.75(96X φ 0.10)	φ 8.4 PUR/PVC PVC (irradiated) PVC
ASTR4-5/4PA-20XX			4X0.34(42X φ 0.10)	
ASTR4-5/4PA-10XX				
DSTR6-5/4PA-33XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) 5 = green/yellow (GND)	3x0.75(96X φ 0.10)	φ 9.0 PUR/PVC PVC (irradiated) PVC
DSTR6-5/4PA-21XX			6X0.34(42X φ 0.10)	
DSTR6-5/4PA-11XX				
DSTR8-5/4PA-32XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND)	3x0.75(96X φ 0.10)	φ 9.0 PUR/PVC PVC (irradiated) PVC
DSTR8-5/4PA-22XX			8X0.34(42X φ 0.10)	
DSTR8-5/4PA-12XX				

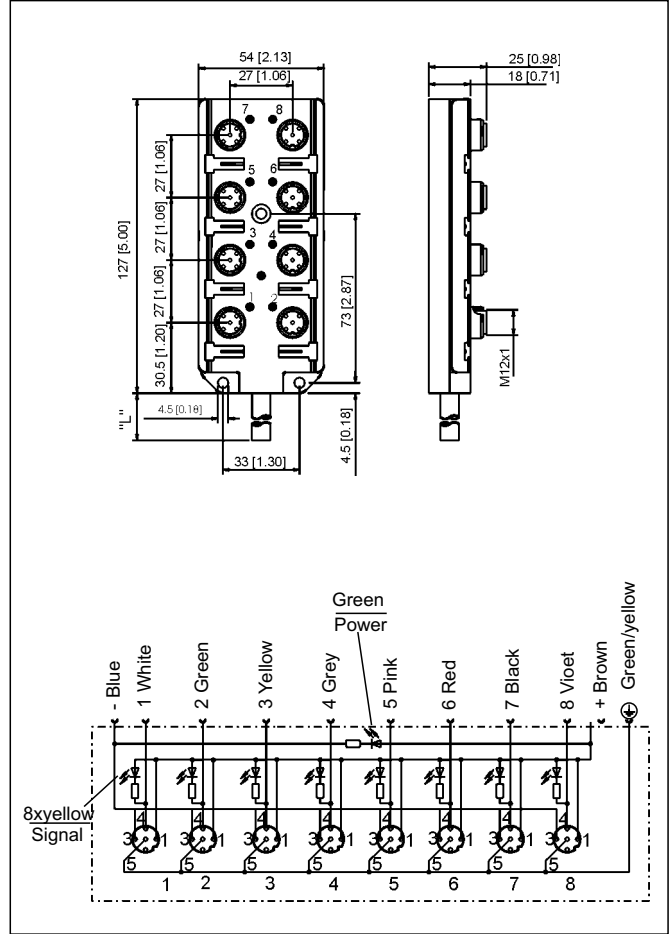
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES(DBR-SERIES)

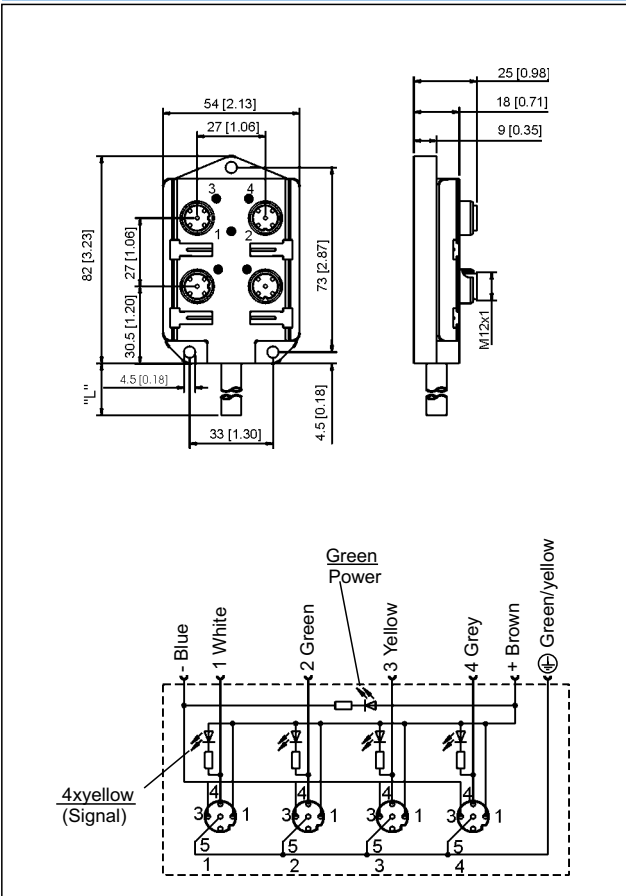
## View



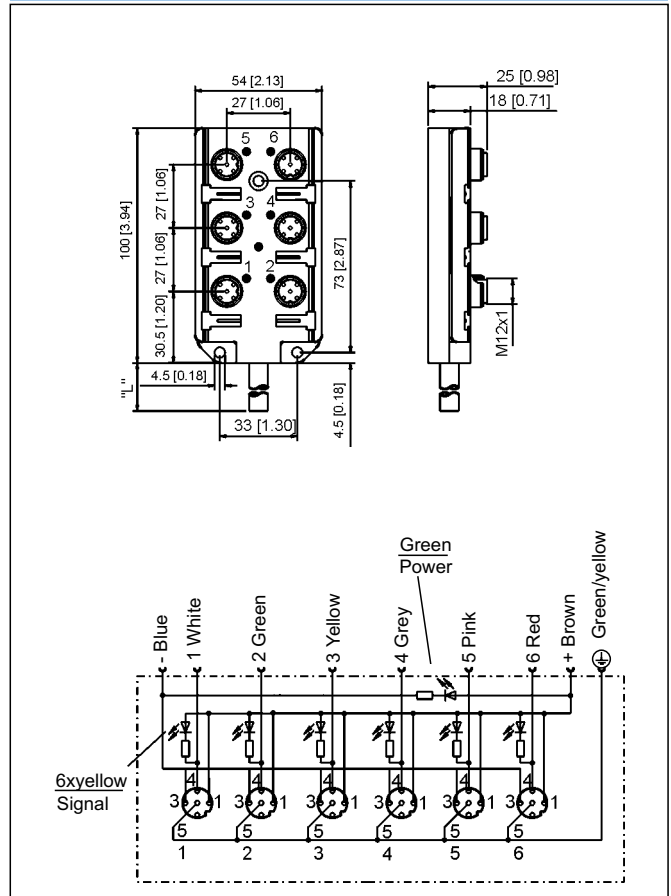
## Dimensional data



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBR-SERIES)

## Description

Distribution Boxes,4-6-8 port Cable Version

5 poles 4 wires,with built-in LED's(NPN).earth connection,with two dust covers and ten attachable molds

## Technical Data

1. Application Class: -15°C to +90°C

### 2. Materials:

Housing: Nylon 6/6  
Optional-yellow  
Contact: Brass,gold over nickel plating  
Receptacle Shell: Brass,nickel plated  
Insert: PUR(Polyurethane),black  
O-Ring: Viton

### 3. Electrical Data:

Contact Resistance:  $\leq 5m\Omega$   
Current Rating: 4 Amps per outlet  
12 Amp max per box  
Working Voltage: 10-30VDC  
Insulation Resistance:  $>10^9\Omega$

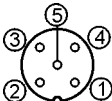
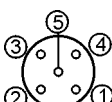
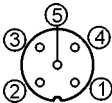
### 4. Mechanical Data:

Insertion Force (contact):  $\leq 2.0N$  (.45LBS)  
Withdrawal Force (contact):  $\geq 0.5N$  (.11LBS)  
Protection: IP68,NEMA 6P(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	Poles	Color Code	Cable Type	
			Lead(mm <sup>2</sup> )	Outer Jacket
ASTR4-5/4NA-30XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND)	3x0.75(96X $\phi$ 0.10)	$\phi$ 8.4 PUR/PVC PVC (irradiated) PVC
ASTR4-5/4NA-20XX			4X0.34(42X $\phi$ 0.10)	
ASTR4-5/4NA-10XX				
DSTR6-5/4NA-33XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) 5 = green/yellow (GND)	3x0.75(96X $\phi$ 0.10)	$\phi$ 9.0 PUR/PVC PVC (irradiated) PVC
DSTR6-5/4NA-21XX			6X0.34(42X $\phi$ 0.10)	
DSTR6-5/4NA-11XX				
DSTR8-5/4NA-32XX	5 	1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND)	3x0.75(96X $\phi$ 0.10)	$\phi$ 9.0 PUR/PVC PVC (irradiated) PVC
DSTR8-5/4NA-22XX			8X0.34(42X $\phi$ 0.10)	
DSTR8-5/4NA-12XX				

xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

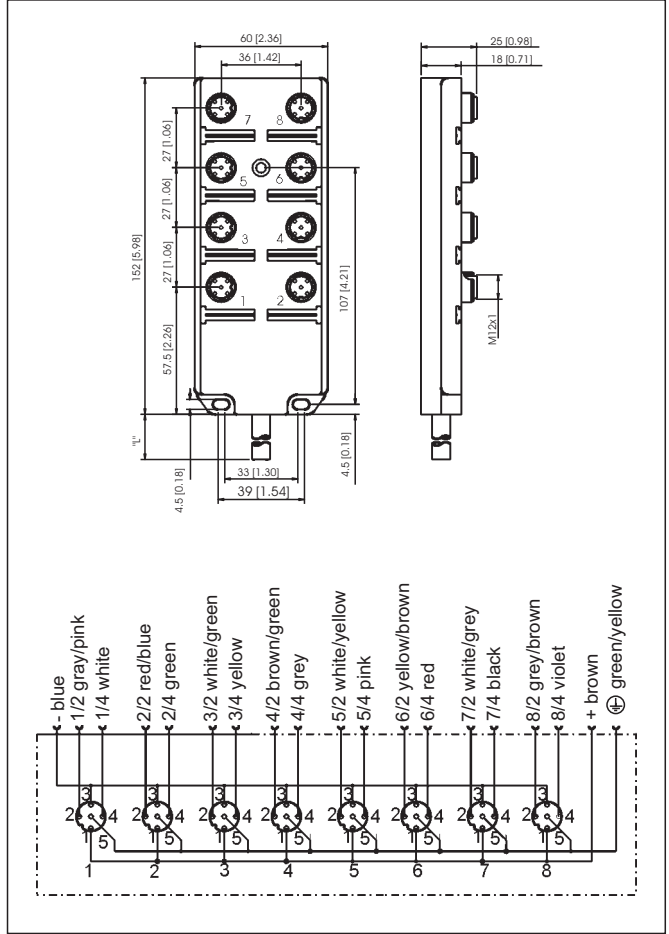


# DISTRIBUTION BOXES(DBR-SERIES)

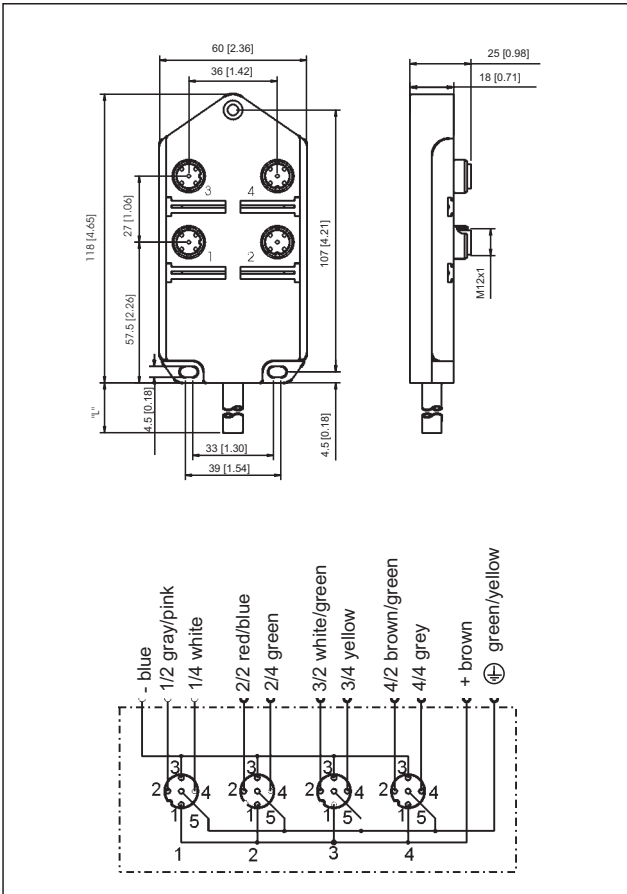
## View



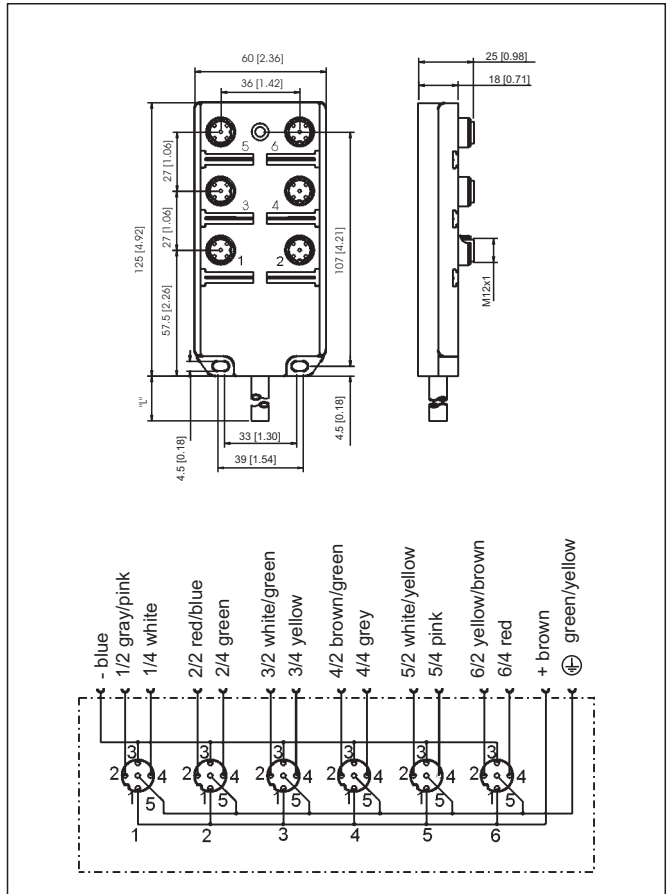
## Dimensional data



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBR-SERIES)

## Description

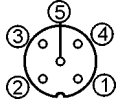
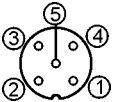
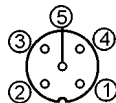
Distribution Boxes,4-6-8 port-Cable Version

5 poles 5 wires,earth connection,with two dust covers and ten attachable molds

## Technical Data

<b>1. Application Class:</b>	-15°C to +90°C	<b>4. Mechanical Data:</b>	
<b>2. Materials:</b>		Insertion Force	
Housing:	Nylon 6/6	(contact):	≤ 2.0N( .45LBS)
	Optional-yellow	Withdrawal Force	
Contact:	Brass,gold over nickel plating	(contact):	≥ 0.5N( .11LBS)
Receptacle Shell:	Brass,nickel plated	Protection:	IP68,NEMA 6P(only in fully locked position)
Insert:	PUR(Polyurethane),black	Shock:	IEC-68-2-27
O-Ring:	Viton	Vibration:	IEC-68-2-6
<b>3. Electrical Data:</b>		<b>5. CE Conformity with Standards:</b>	
Contact Resistance:	≤ 5m Ω		
Current Rating:	4 Amps per outlet 12 Amp max per box		
Working Voltage:	110VAC/DC		
Insulation Resistance:	>10 <sup>9</sup> Ω		
			EN50082-1, EN50082-2 and IEC60947-5-2

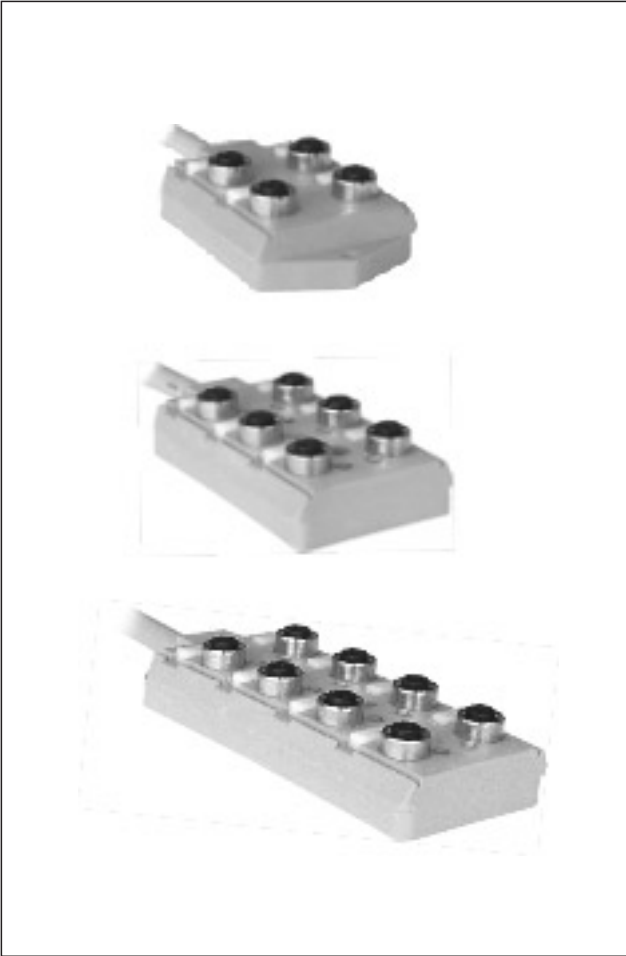
## Order Information

Part Number	Poles	Color Code	Cable Type	
			Lead(mm <sup>2</sup> )	Outer Jacket
ALTR4-5/5UZ-36XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND)	3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10)	Φ 9.3 PUR
ALTR4-5/5UZ-13XX		3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10)	Φ 9.3 PVC	
DLTR6-5/5UZ-34XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) 5 = green/yellow (GND)	3x1.0(128x Φ 0.10) 12x0.5(64x Φ 0.10)	Φ 10.4 PUR
DLTR8-5/5UZ-38XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) white/grey (7) grey/brown (8) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND)	3x1.0(128x Φ 0.10) 16x0.5(64x Φ 0.10)	Φ 11.6 PUR

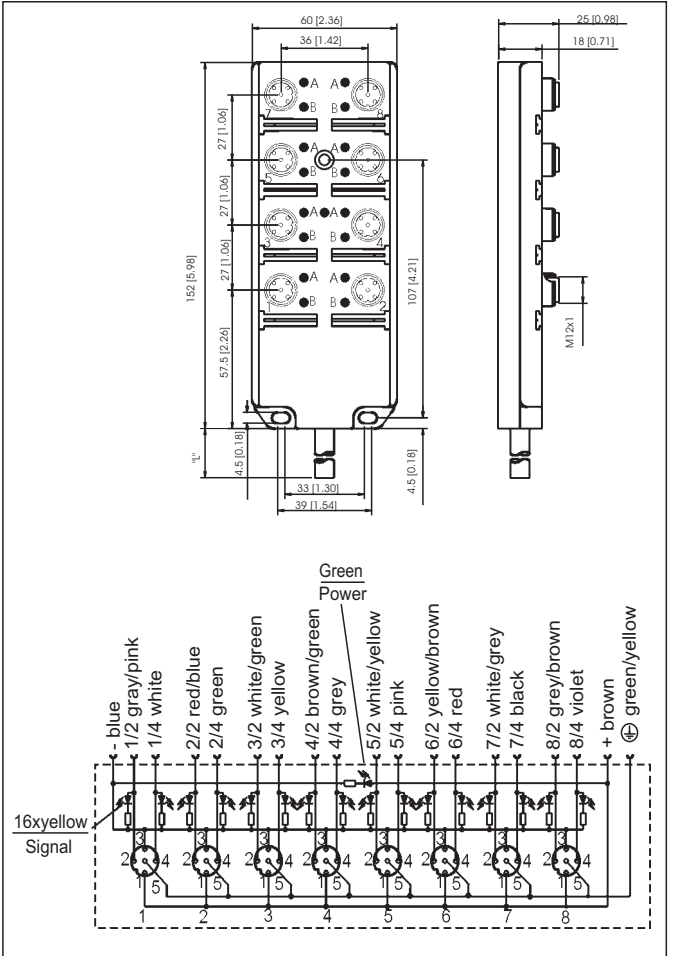
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES(DBR-SERIES)

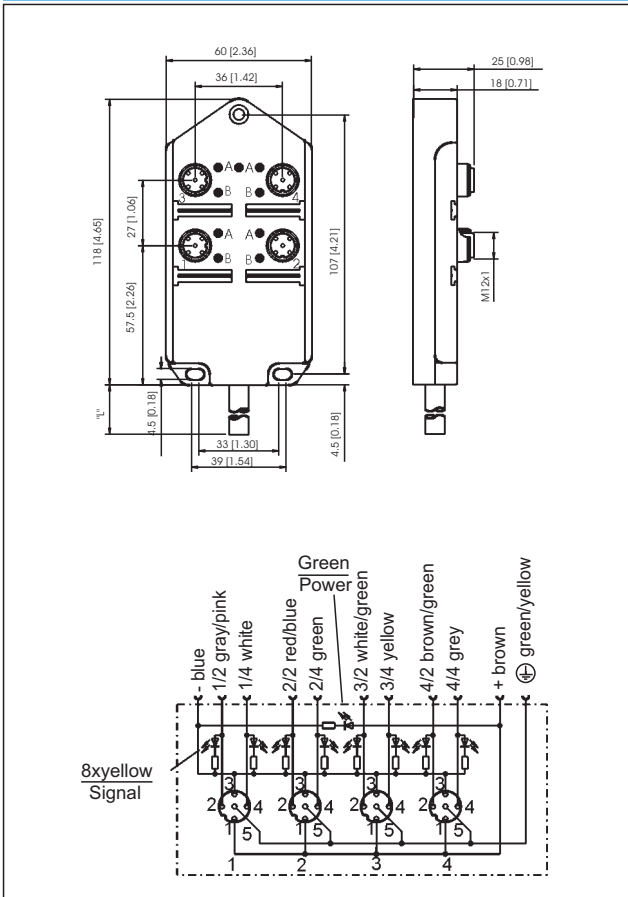
## View



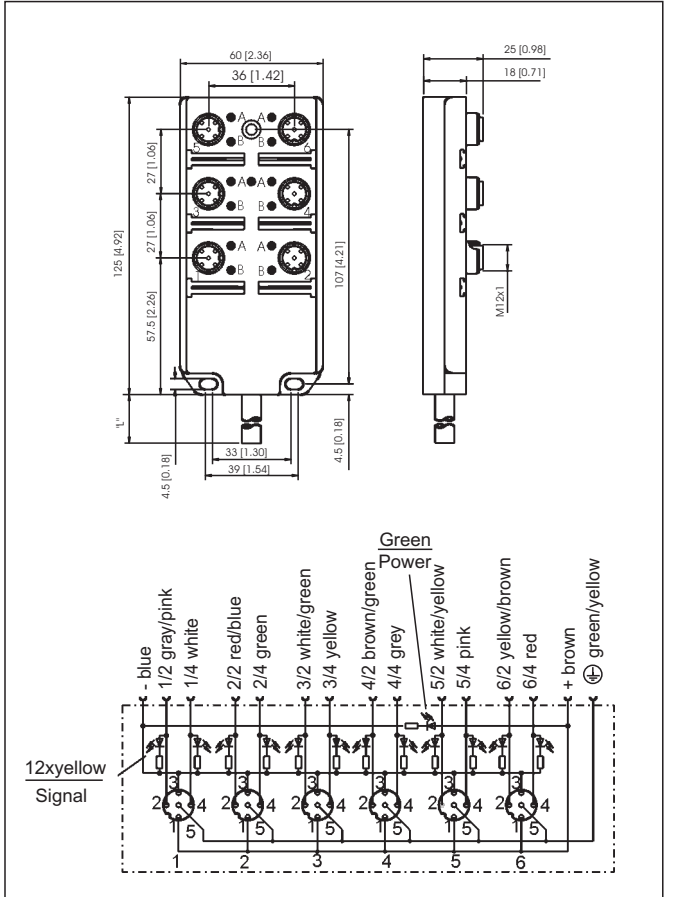
## Dimensional data



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBR-SERIES)

## Description

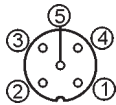
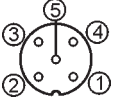

Distribution Boxes,4-6-8 port-Cable Version

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

## Technical Data

<b>1. Application Class:</b>	-15°C to +90°C	<b>4. Mechanical Data:</b>	
<b>2. Materials:</b>		Insertion Force	
Housing:	Nylon 6/6 Optional-yellow	(contact):	≤ 2.0N( .45LBS)
Contact:	Brass,gold over nickel plating	Withdrawal Force	
Receptacle Shell:	Brass,nickel plated	(contact):	≥ 0.5N( .11LBS)
Insert:	PUR(Polyurethane),black	Protection:	IP68,NEMA 6P(only in fully locked position)
O-Ring:	Viton	Shock:	IEC-68-2-27
<b>3. Electrical Data:</b>		Vibration:	IEC-68-2-6
Contact Resistance:	≤ 5m Ω	<b>5. CE Conformity with Standards:</b>	
Current Rating:	4 Amps per outlet 12 Amp max per box		EN50082-1, EN50082-2 and IEC60947-5-2
Working Voltage:	110VAC/DC		
Insulation Resistance:	>10 <sup>9</sup> Ω		

## Order Information

Part Number	Poles	Color Code	Cable Type	
			Lead(mm <sup>2</sup> )	Outer Jacket
ALTR4-5/5DC-36XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4)	3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10)	Φ 9.3 PUR
ALTR4-5/5DC-13XX		4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND)	3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10)	Φ 9.3 PVC
DLTR6-5/5DC-34XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6)	3x1.0(128x Φ 0.10) 12x0.5(64x Φ 0.10)	Φ 10.4 PUR
DLTR8-5/5DC-38XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) white/grey (7) grey/brown (8)	3x1.0(128x Φ 0.10) 16x0.5(64x Φ 0.10)	Φ 11.6 PUR
		4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND)		

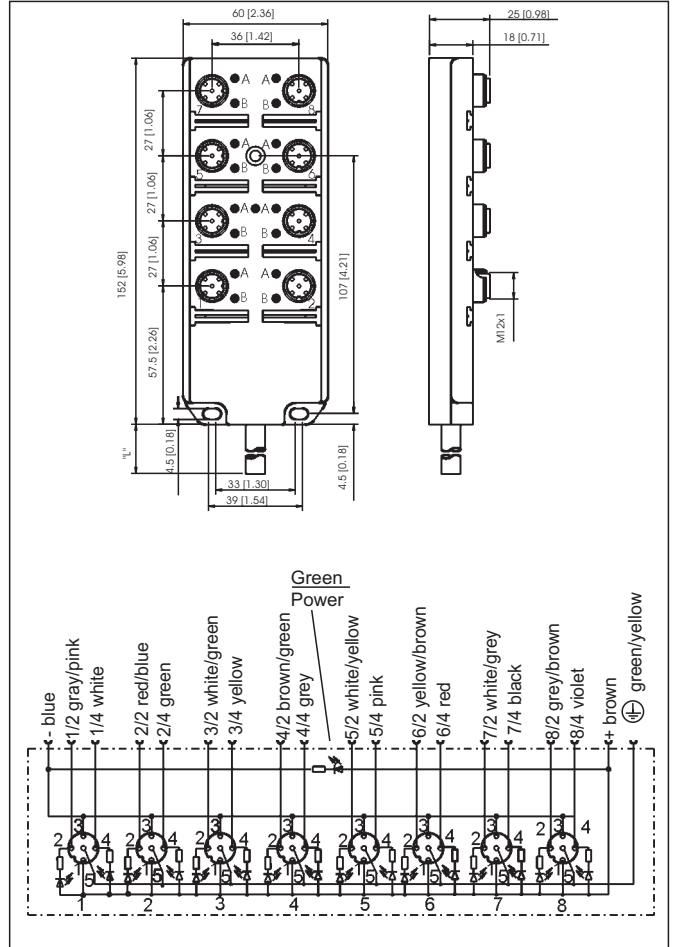
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES(DBR-SERIES)

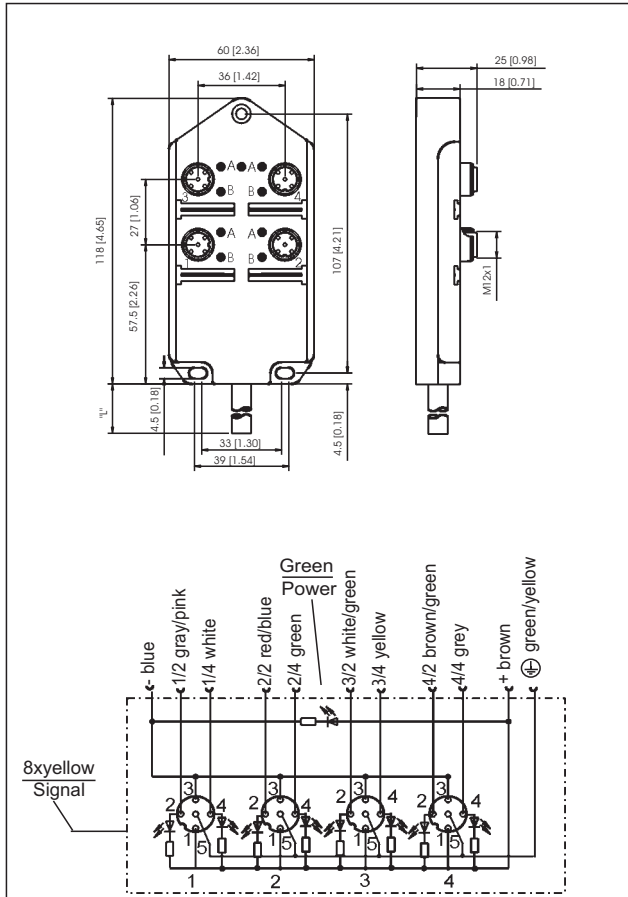
## View



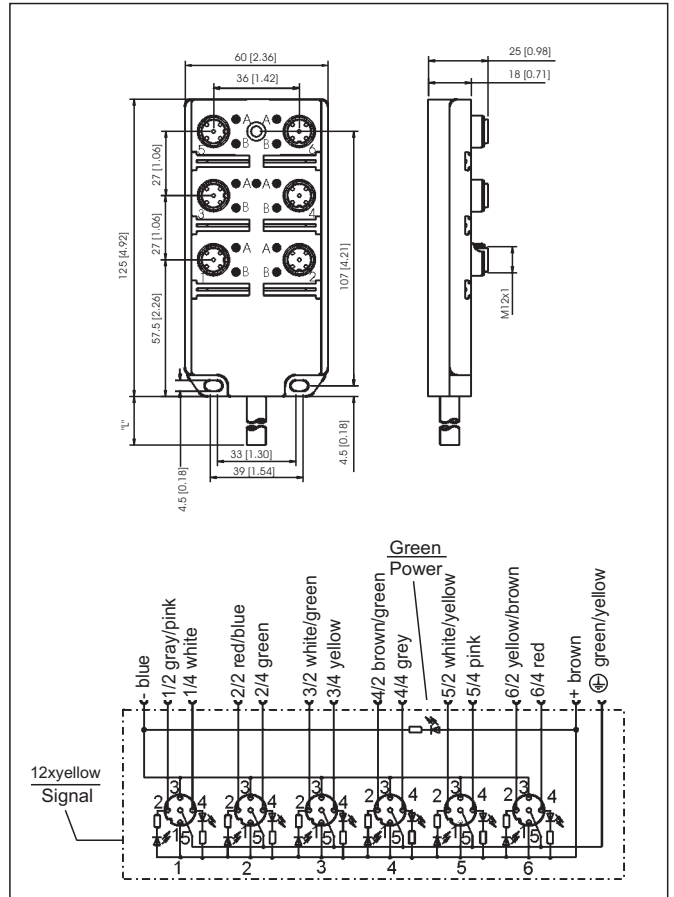
## Dimensional data



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBR-SERIES)

## Description

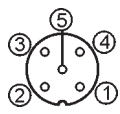
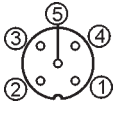
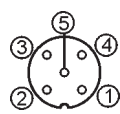
Distribution Boxes,4-6-8 port-Cable Version

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

## Technical Data

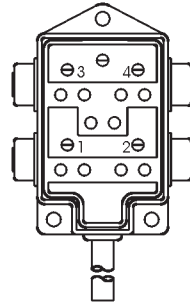
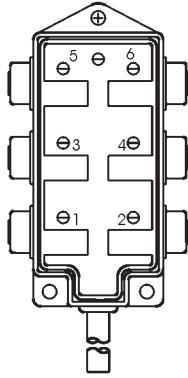
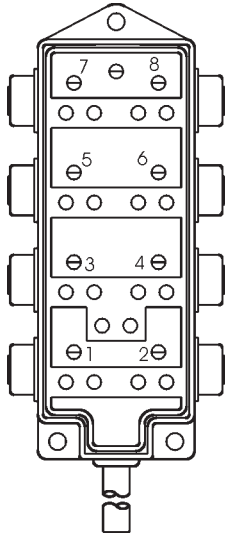
<b>1. Application Class:</b>	-15°C to +90°C	<b>4. Mechanical Data:</b>	
<b>2. Materials:</b>		Insertion Force	
Housing:	Nylon 6/6	(contact):	≤ 2.0N( .45LBS)
	Optional-yellow	Withdrawal Force	
Contact:	Brass,gold over nickel plating	(contact):	≥ 0.5N( .11LBS)
Receptacle Shell:	Brass,nickel plated	Protection:	IP68,NEMA 6P(only in fully locked position)
Insert:	PUR(Polyurethane),black	Shock:	IEC-68-2-27
O-Ring:	Viton	Vibration:	IEC-68-2-6
<b>3. Electrical Data:</b>		<b>5. CE Conformity with Standards:</b>	
Contact Resistance:	≤ 5m Ω		
Current Rating:	4 Amps per outlet 12 Amp max per box		
Working Voltage:	110VAC/DC		
Insulation Resistance:	>10 <sup>9</sup> Ω		

## Order Information

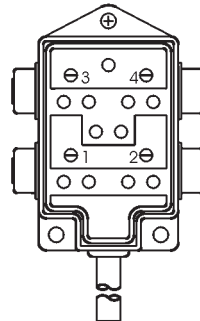
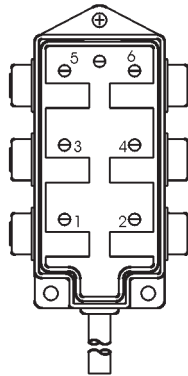
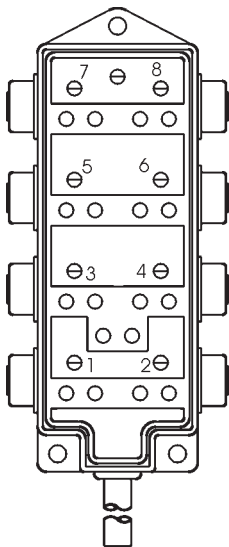
Part Number	Poles	Color Code	Cable Type	
			Lead(mm <sup>2</sup> )	Outer Jacket
ALTR4-5/5EC-36XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4)	3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10)	Φ 9.3 PUR
ALTR4-5/5EC-13XX		4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND)	3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10)	Φ 9.3 PVC
DLTR6-5/5EC-34XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6)	3x1.0(128x Φ 0.10) 12x0.5(64x Φ 0.10)	Φ 10.4 PUR
DLTR8-5/5EC-38XX	5 	1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) white/grey (7) grey/brown (8)	3x1.0(128x Φ 0.10) 16x0.5(64x Φ 0.10)	Φ 11.6 PUR
		4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND)		

xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES *DBRS SERIES* INDEX



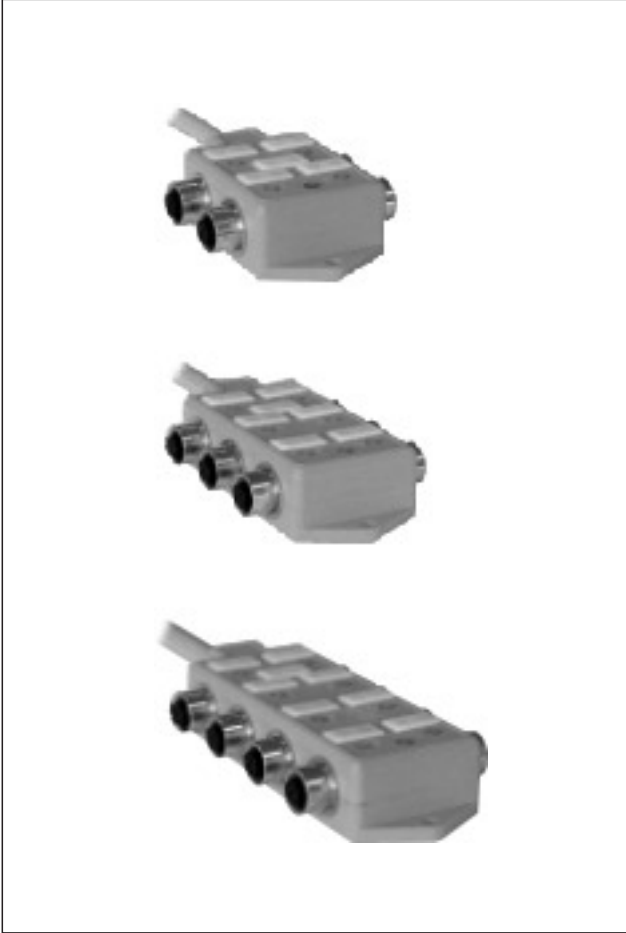
Page H18



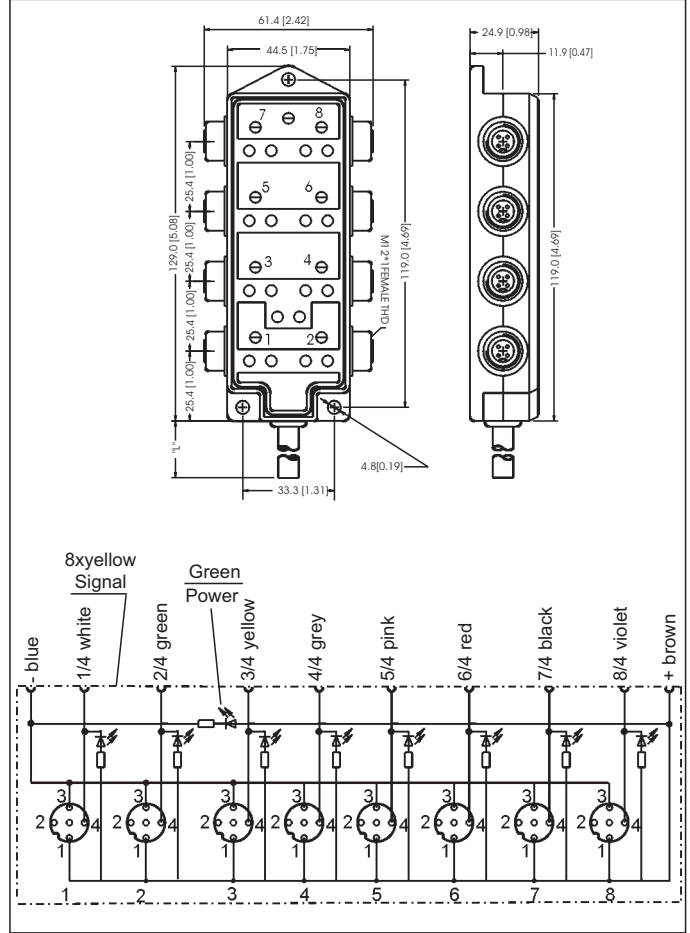
Page H20

# DISTRIBUTION BOXES(DBRS-SERIES)

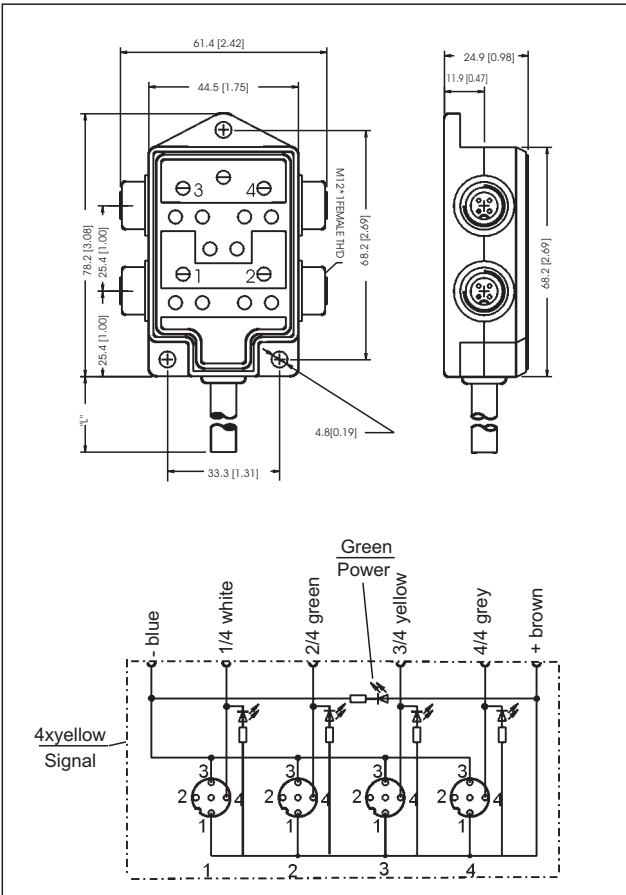
## View



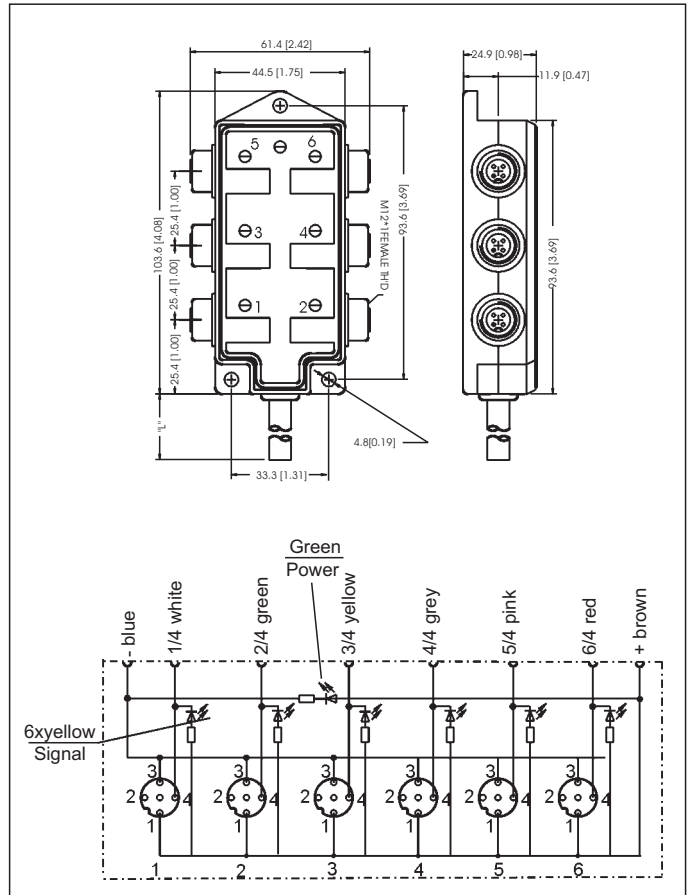
## Dimensional data



## Dimensional data



## Dimensional data





# DISTRIBUTION BOXES (DBRS-SERIES)

## Description

Distribution Boxes,4-6-8 port-Cable Side Version

5 poles 3 wires,with built-in LED,with two dust covers and ten attachable molds

## Technical Data

1. Application Class: -25 °C to +90 °C

### 2. Materials:

Housing: Nylon 6/6  
 Contact: Brass,gold over nickel plating  
 Receptacle Shell: Brass.black nickel plated  
 Insert: PUR(Polyurethane),black  
 O-Ring: Nitrile Rubber

### 3. Electrical Data:

Contact Resistance:  $\leq 5m\Omega$   
 Current Rating: 4 Amps per outlet  
 12 Amp max per box  
 Working Voltage: 10-30VDC  
 Insulation Resistance:  $>10^9 \Omega$   
 Current Limiting Resistor: 3.3K $\Omega$

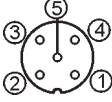
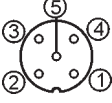
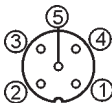
### 4. Mechanical Data:

Insertion Force (contact)  $\leq 2.0N$  (0.45LBS)  
 Withdrawal Force (contact)  $\geq 0.5N$  (0.11LBS)  
 Protection: IP68,NEMA 6P(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

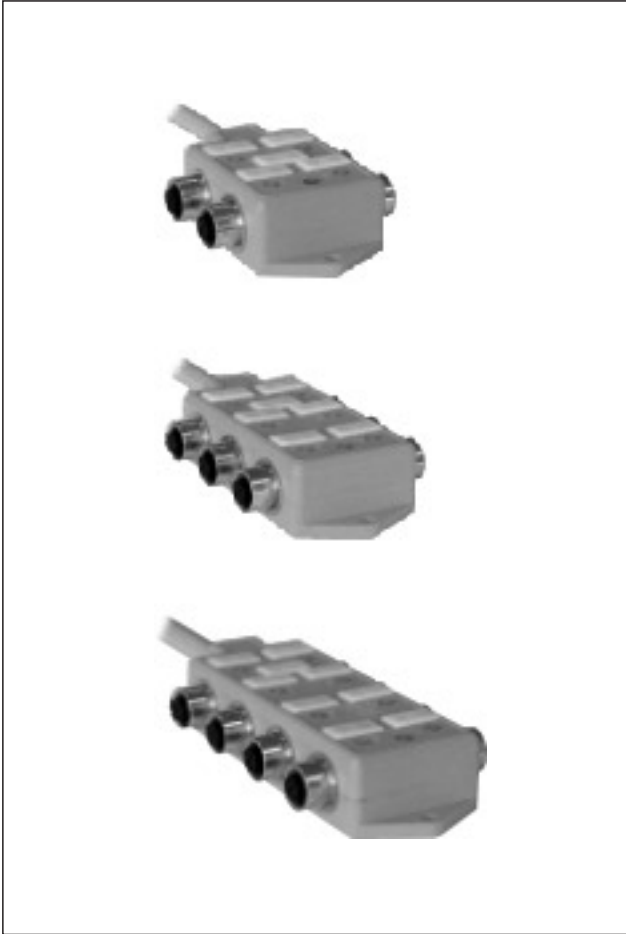
## Order Information

Part Number	Poles	Color Code	Cable Type		
			Lead(mm <sup>2</sup> )	Outer Jacket	
ASSR4-5/3PA-64XX	5 	1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4)	3x0.75(96x $\Phi$ 0.10)	$\Phi$ 8.4	PVC
ASSR4-5/3PA-65XX			4x0.34(42x $\Phi$ 0.10)		PVC (irradiated)
ASSR4-5/3PA-66XX					PUR/PVC
ASSR6-5/3PA-67XX	5 	1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6)	3x0.75(96x $\Phi$ 0.10)	$\Phi$ 9.0	PVC
ASSR6-5/3PA-68XX			6x0.34(42x $\Phi$ 0.10)		PVC (irradiated)
ASSR6-5/3PA-69XX					PUR/PVC
ASSR8-5/3PA-57XX	5 	1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8)	3x0.75(96x $\Phi$ 0.10)	$\Phi$ 9.0	PVC
ASSR8-5/3PA-58XX			8x0.34(42x $\Phi$ 0.10)		PVC (irradiated)
ASSR8-5/3PA-59XX					PUR/PVC

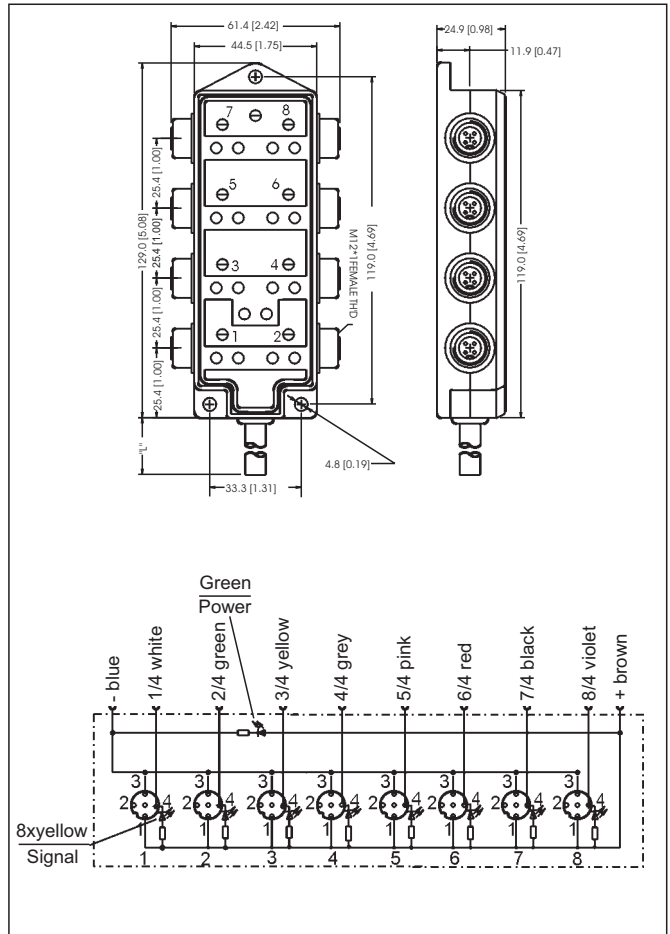
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES(DBRS-SERIES)

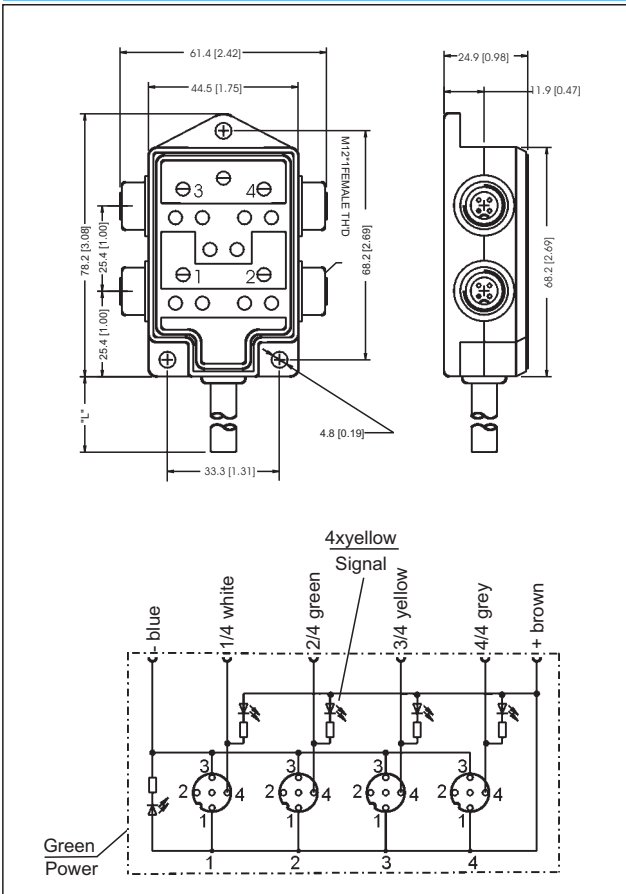
## View



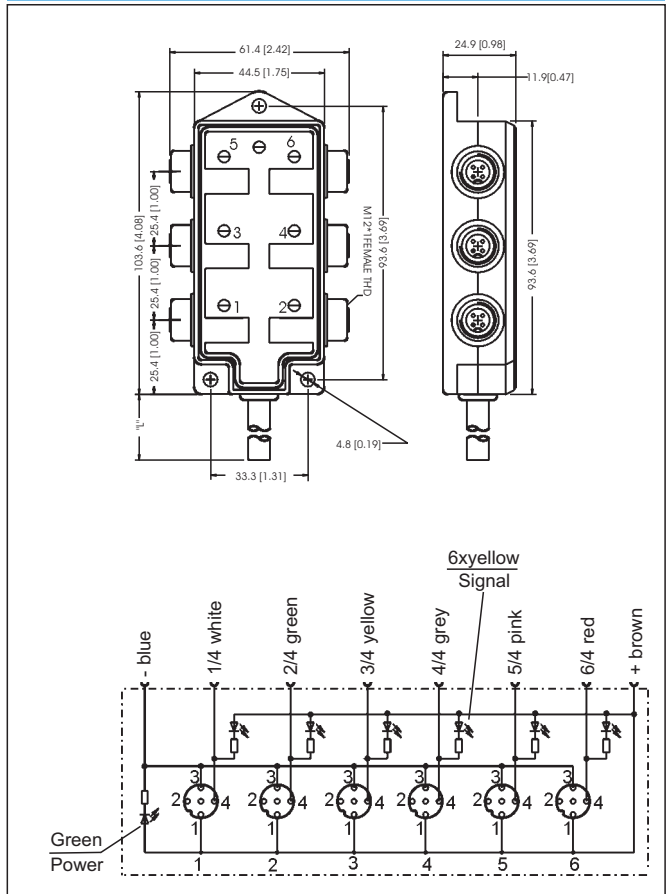
## Dimensional data



## Dimensional data



## Dimensional data



# DISTRIBUTION BOXES (DBRS-SERIES)

## Description

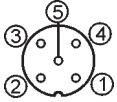
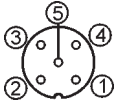

Distribution Boxes,4-6-8 port-Cable Side Version

5 poles 3 wires,with built-in LED,with two dust covers and ten attachable molds

## Technical Data

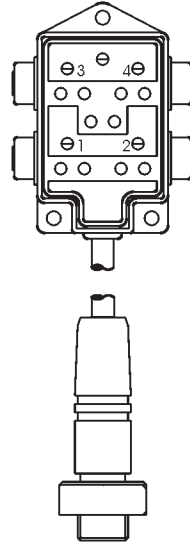
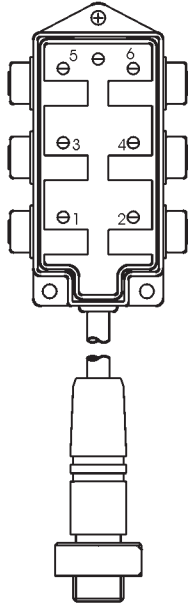
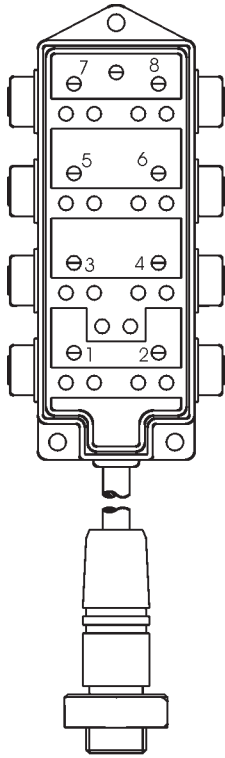
<b>1. Application Class:</b>	-25°C to +90°C	<b>4. Mechanical Data:</b>	
<b>2. Materials:</b>		Insertion Force	
Housing:	Nylon 6/6	(contact)	≤ 2.0N(0.45LBS)
Contact:	Brass,gold over nickel plating	Withdrawal Force	
Receptacle Shell:	Brass.black nickel plated	(contact):	≥ 0.5N (0.11LBS)
Insert:	PUR(Polyurethane),black	Protection:	IP68,NEMA 6P(only in fully locked position)
O-Ring:	Nitrile Rubber	Shock:	IEC-68-2-27
<b>3. Electrical Data:</b>		Vibration:	IEC-68-2-6
Contact Resistance:	≤ 5mΩ	<b>5. CE Conformity with Standards:</b>	
Current Rating:	4 Amps per outlet 12 Amp max per box		EN50082-1, EN50082-2 and IEC60947-5-2
Working Voltage:	10-30VDC		
Insulation Resistance:	>10 <sup>9</sup> Ω		
Current Limiting Resistor:	3.3KΩ		

## Order Information

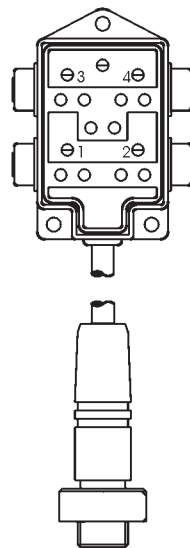
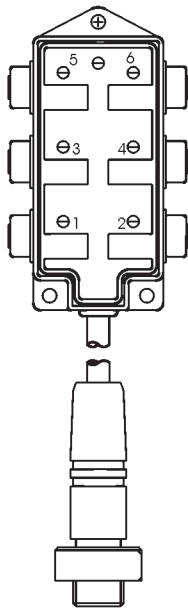
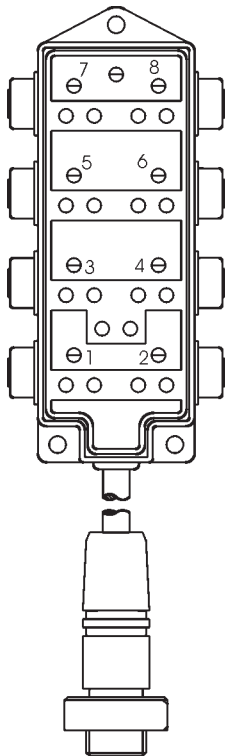
Part Number	Poles	Color Code	Cable Type	
			Lead(mm <sup>2</sup> )	Outer Jacket
ASSR4-5/3NA-64XX	5 	1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4)	3x0.75(96x φ 0.10) 4x0.34(42x φ 0.10)	PVC φ 8.4 PVC (irradiated) PUR/PVC
ASSR4-5/3NA-65XX				
ASSR4-5/3NA-66XX				
ASSR6-5/3NA-67XX	5 	1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6)	3x0.75(96x φ 0.10) 6x0.34(42x φ 0.10)	PVC φ 9.0 PVC (irradiated) PUR/PVC
ASSR6-5/3NA-68XX				
ASSR6-5/3NA-69XX				
ASSR8-5/3NA-57XX	5 	1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8)	3x0.75(96x φ 0.10) 8x0.34(42x φ 0.10)	PVC φ 9.0 PVC (irradiated) PUR/PVC
ASSR8-5/3NA-58XX				
ASSR8-5/3NA-59XX				

xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

# DISTRIBUTION BOXES *DBRSP SERIES* INDEX



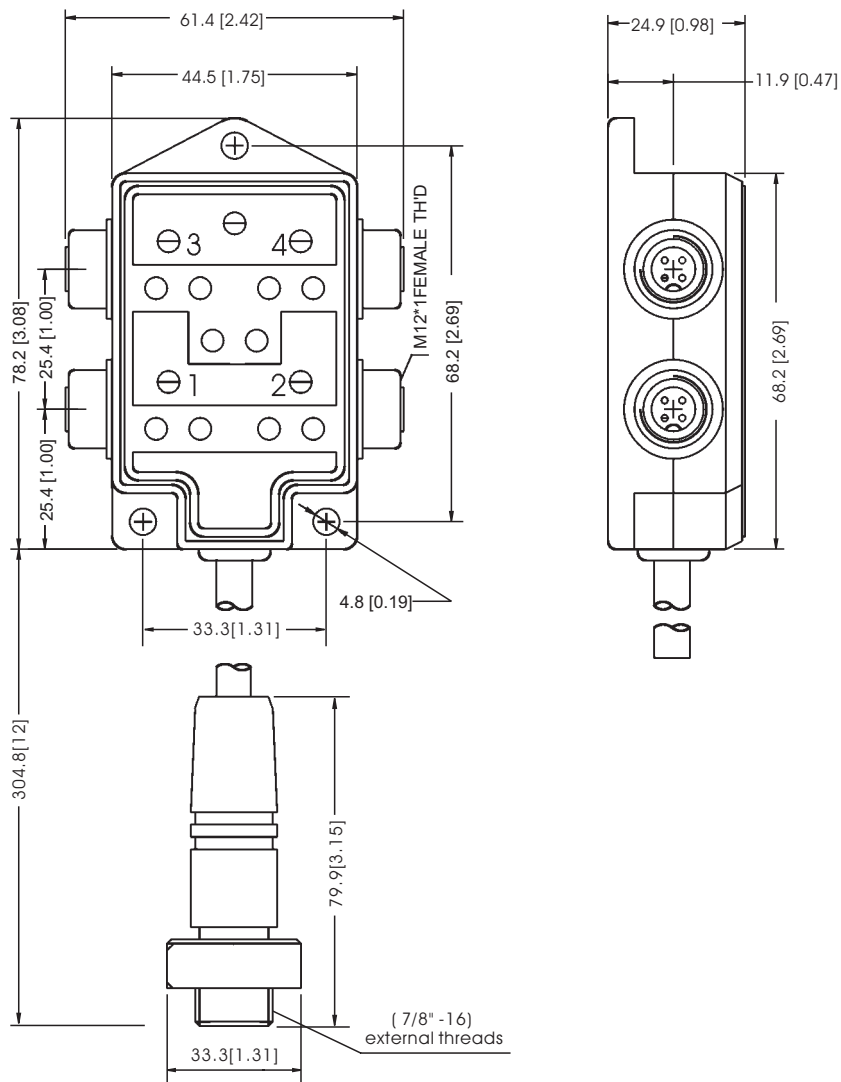
Page H24  
Page H26  
Page H28



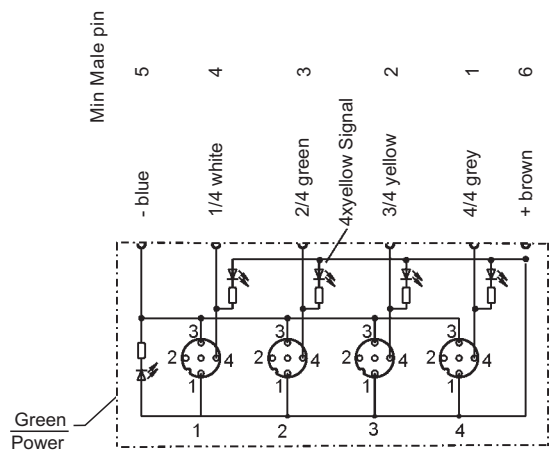
Page H30  
Page H32  
Page H34

# DISTRIBUTION BOXES(DBRSP-SERIES)

## Dimensional data



## View



# DISTRIBUTION BOXES (DBRSP-SERIES)

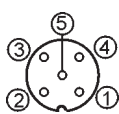
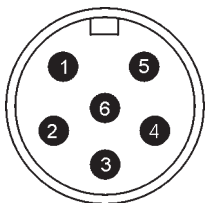
## Description

Distribution Boxes, 4 ports, Pigtail  
5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

## Technical Data

<b>1. Application Class:</b>	-25°C to +90°C	<b>Working Voltage:</b>	10-30VDC
<b>2. Materials:</b>		<b>Insulation Resistance:</b>	>10 <sup>9</sup> Ω
Housing :	Nylon 6/6	<b>4. Mechanical Data:</b>	
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:	IP68, NEMA 6P (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	<b>5. CE Conformity with Standards:</b>	
Male Insert:	PUR, Yellow		EN50082-1, EN50082-2 and IEC60947-5-2
<b>3. Electrical Data:</b>			
Contact Resistance:	≤ 5mΩ		
Current Rating:	4 Amps per outlet 12 Amp max per box		

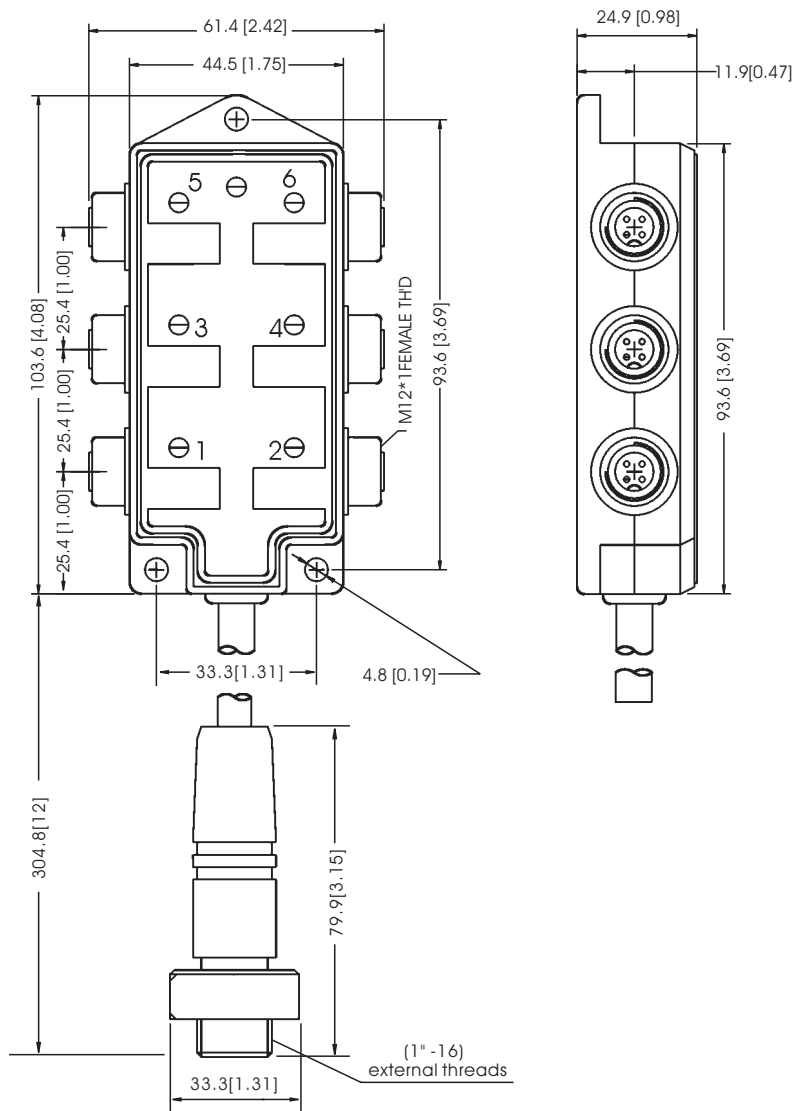
## Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR4-5/3NA-PZ6			7/8"-16	1=	4/4
				2=	3/4
				3=	2/4
				4=	1/4
				5=	1~4/3(-)
				6=	1~4/1(+)
	Pigtail length		Number of cable		
4 ports	305mm		30		

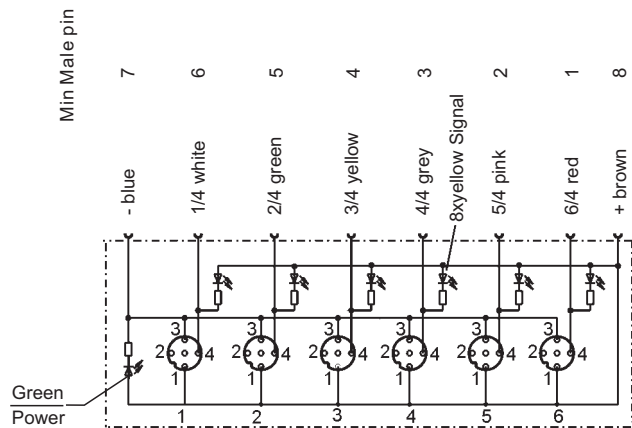
Reference pages J-1~J-17 for additional cable specification

# DISTRIBUTION BOXES(DBRSP-SERIES)

## Dimensional data



## View



# DISTRIBUTION BOXES (DBRSP-SERIES)

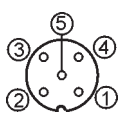

## Description

Distribution Boxes, 6 ports, Pigtail  
5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

## Technical Data

1. Application Class:	-25°C to +90°C	Working Voltage:	10-30VDC
2. Materials:		Insulation Resistance:	>10 <sup>9</sup> 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:	IP68, NEMA 6P (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	5. CE Conformity with Standards:	
Male Insert:	PUR, Yellow	EN50082-1, EN50082-2 and IEC60947-5-2	
3. Electrical Data:			
Contact Resistance:	≤ 5mΩ		
Current Rating:	4 Amps per outlet 12 Amp max per box		

## Order Information

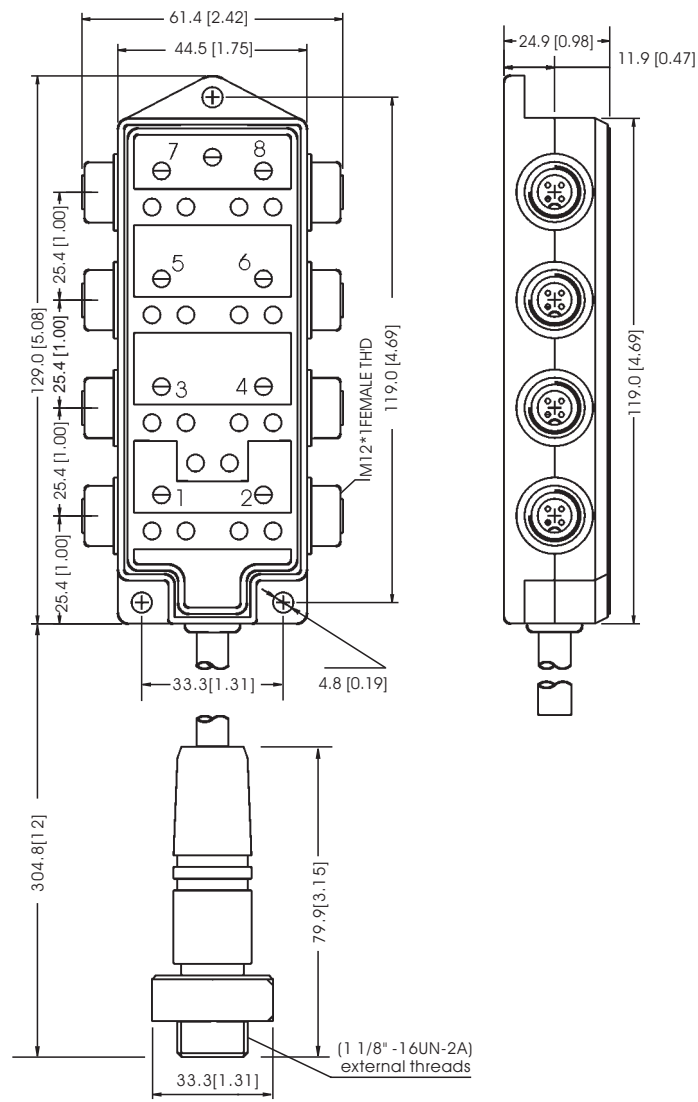
Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR6-5/3NA-PZ8			1"-16	1=	6/4
				2=	5/4
				3=	4/4
				4=	3/4
				5=	2/4
				6=	1/4
				7=	1~6/3(-)
				8=	1~6/1(+)
	Pigtail length		Number of cable		
6 ports	305mm		33		

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

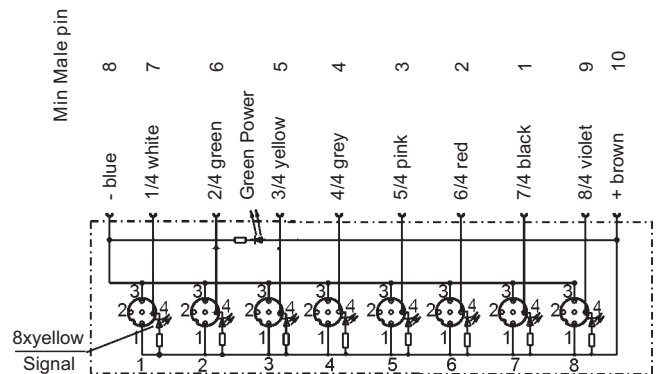


# DISTRIBUTION BOXES(DBRSP-SERIES)

## Dimensional data



## View



# DISTRIBUTION BOXES (DBRSP-SERIES)

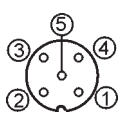

## Description

Distribution Boxes, 8 ports, Pigtail  
5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

## Technical Data

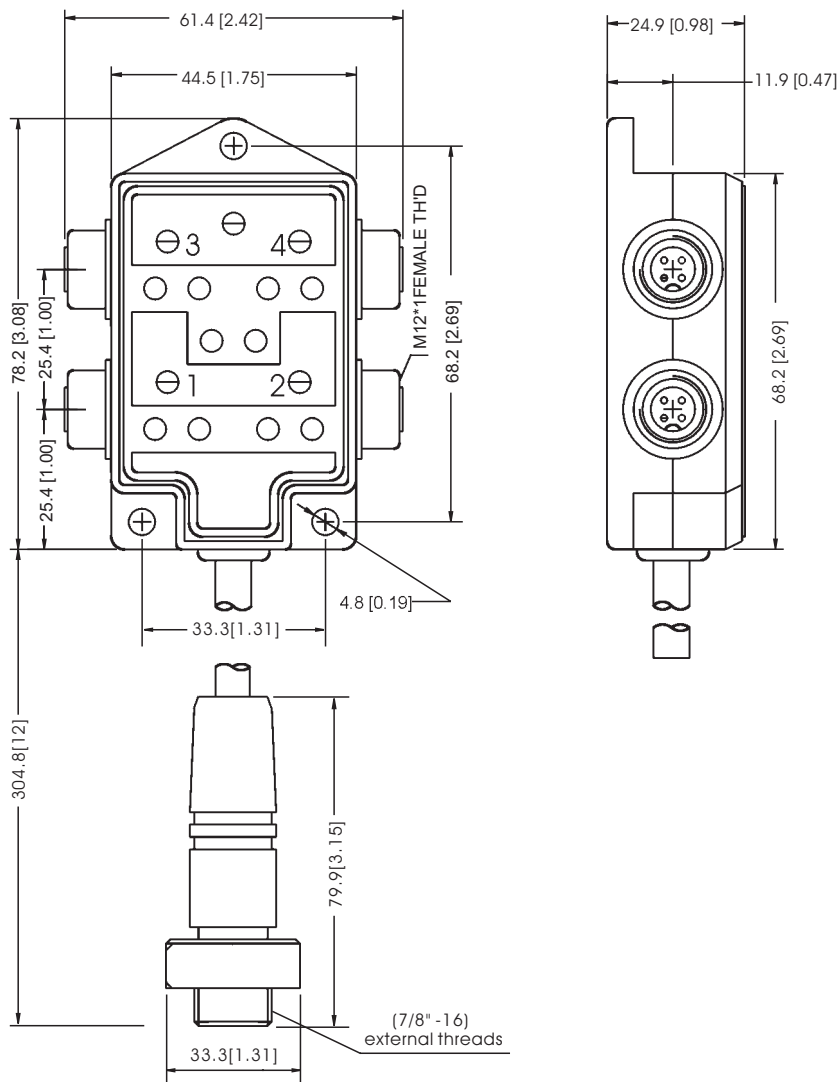
<b>1. Application Class:</b>	-25°C to +90°C	<b>Working Voltage:</b>	10-30VDC
<b>2. Materials:</b>		<b>Insulation Resistance:</b>	>10 <sup>9</sup> Ω
Housing :	Nylon 6/6	<b>4. Mechanical Data:</b>	
Contact:	Brass, gold over nickel plating	Insertion Force (contact)	≤ 2.0N (0.45LBS)
Coupling Nut:	Aluminum, Black anodized	Withdrawal Force (contact):	≥ 0.5N (0.11LBS)
Receptacle Shell:	Brass, nickel plated	Protection:	IP68, NEMA 6P (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	<b>5. CE Conformity with Standards:</b>	
Male Insert:	PUR, Yellow	EN50082-1, EN50082-2 and IEC60947-5-2	
<b>3. Electrical Data:</b>			
Contact Resistance:	≤ 5m Ω		
Current Rating:	4 Amps per outlet 12 Amp max per box		

## Order Information

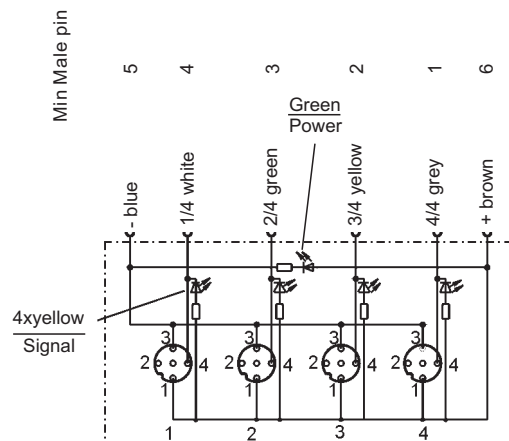
Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR8-5/3NA-PZ10			1 1/8" - 16	1=	7/4
				2=	6/4
				3=	5/4
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	1~8/3(-)
				9=	8/4
				10=	1~8/1(+)
	Pigtail length		Number of cable		
8 ports	305mm		32		
Reference pages J-1~J-17 for additional cable specification					

# DISTRIBUTION BOXES(DBRSP-SERIES)

## Dimensional data



## View



# DISTRIBUTION BOXES (DBRSP-SERIES)

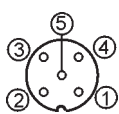

## Description

Distribution Boxes, 4 ports, Pigtail  
5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

## Technical Data

<b>1. Application Class:</b>	-25°C to +90°C	<b>Working Voltage:</b>	10-30VDC
<b>2. Materials:</b>		<b>Insulation Resistance:</b>	>10 <sup>9</sup> Ω
Housing :	Nylon 6/6	<b>4. Mechanical Data:</b>	
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:	IP68, NEMA 6P (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	<b>5. CE Conformity with Standards:</b>	
Male Insert:	PUR, Yellow	EN50082-1, EN50082-2 and IEC60947-5-2	
<b>3. Electrical Data:</b>			
Contact Resistance:	≤ 5m Ω		
Current Rating:	4 Amps per outlet 12 Amp max per box		

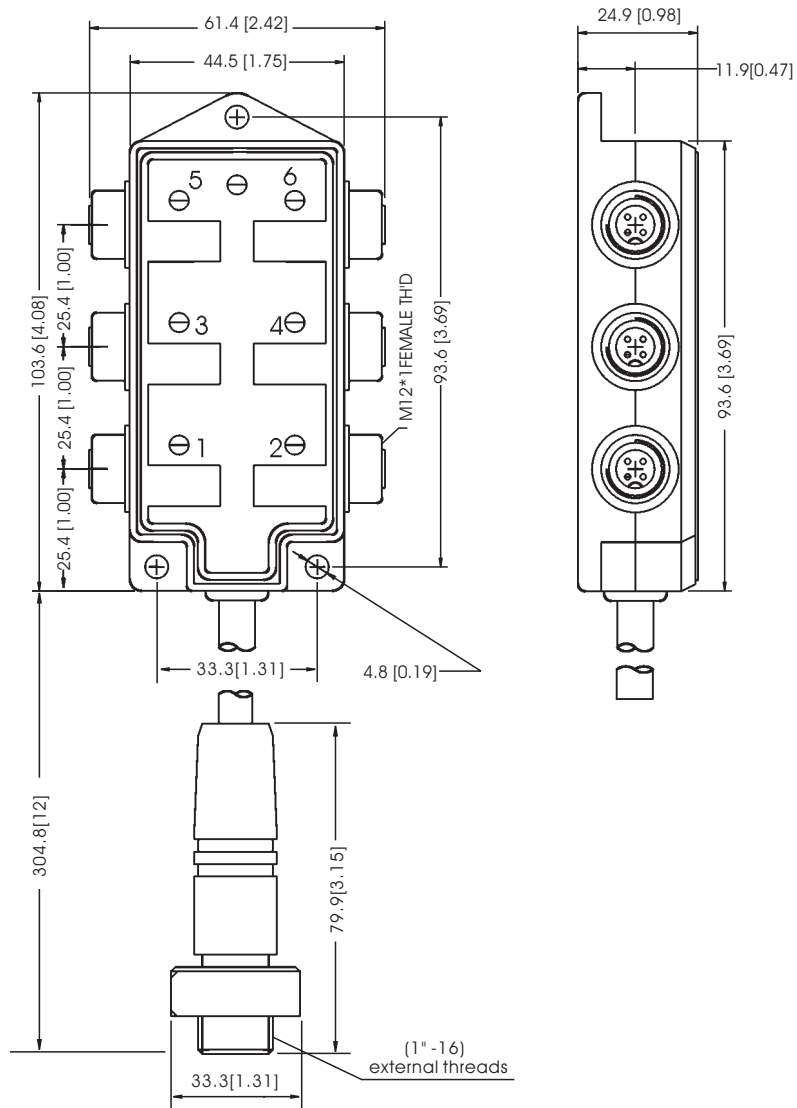
## Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR4-5/3PA-PZ6			7/8"-16	1=	4/4
				2=	3/4
				3=	2/4
				4=	1/4
				5=	1~4/3(-)
				6=	1~4/1(+)
	Pigtail length		Number of cable		
4 ports	305mm		30		

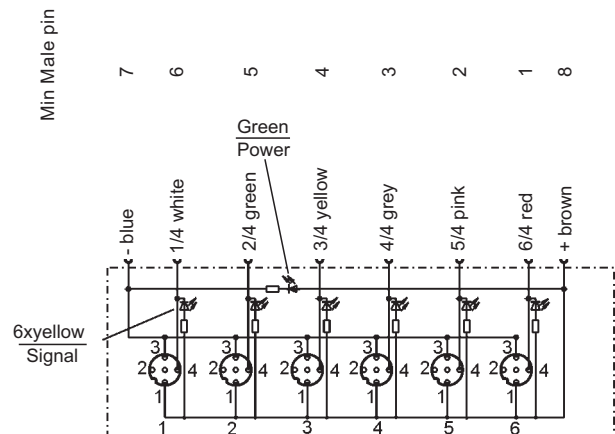
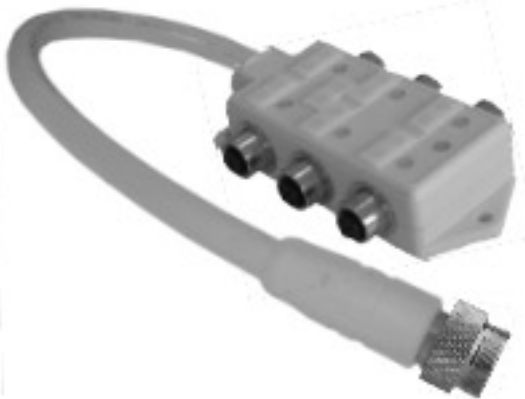
Reference pages J-1~J-17 for additional cable specification

# DISTRIBUTION BOXES(DBRSP-SERIES)

## Dimensional data



## View



# DISTRIBUTION BOXES (DBRSP-SERIES)

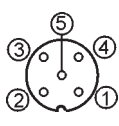

## Description

Distribution Boxes, 6 ports, Pigtail  
5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

## Technical Data

<b>1. Application Class:</b>	-25°C to +90°C	<b>Working Voltage:</b>	10-30VDC
<b>2. Materials:</b>		<b>Insulation Resistance:</b>	>10 <sup>9</sup> Ω
Housing :	Nylon 6/6	<b>4. Mechanical Data:</b>	
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:	IP68, NEMA 6P (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	<b>5. CE Conformity with Standards:</b>	
Male Insert:	PUR, Yellow	EN50082-1, EN50082-2 and IEC60947-5-2	
<b>3. Electrical Data:</b>			
Contact Resistance:	≤ 5m Ω		
Current Rating:	4 Amps per outlet 12 Amp max per box		

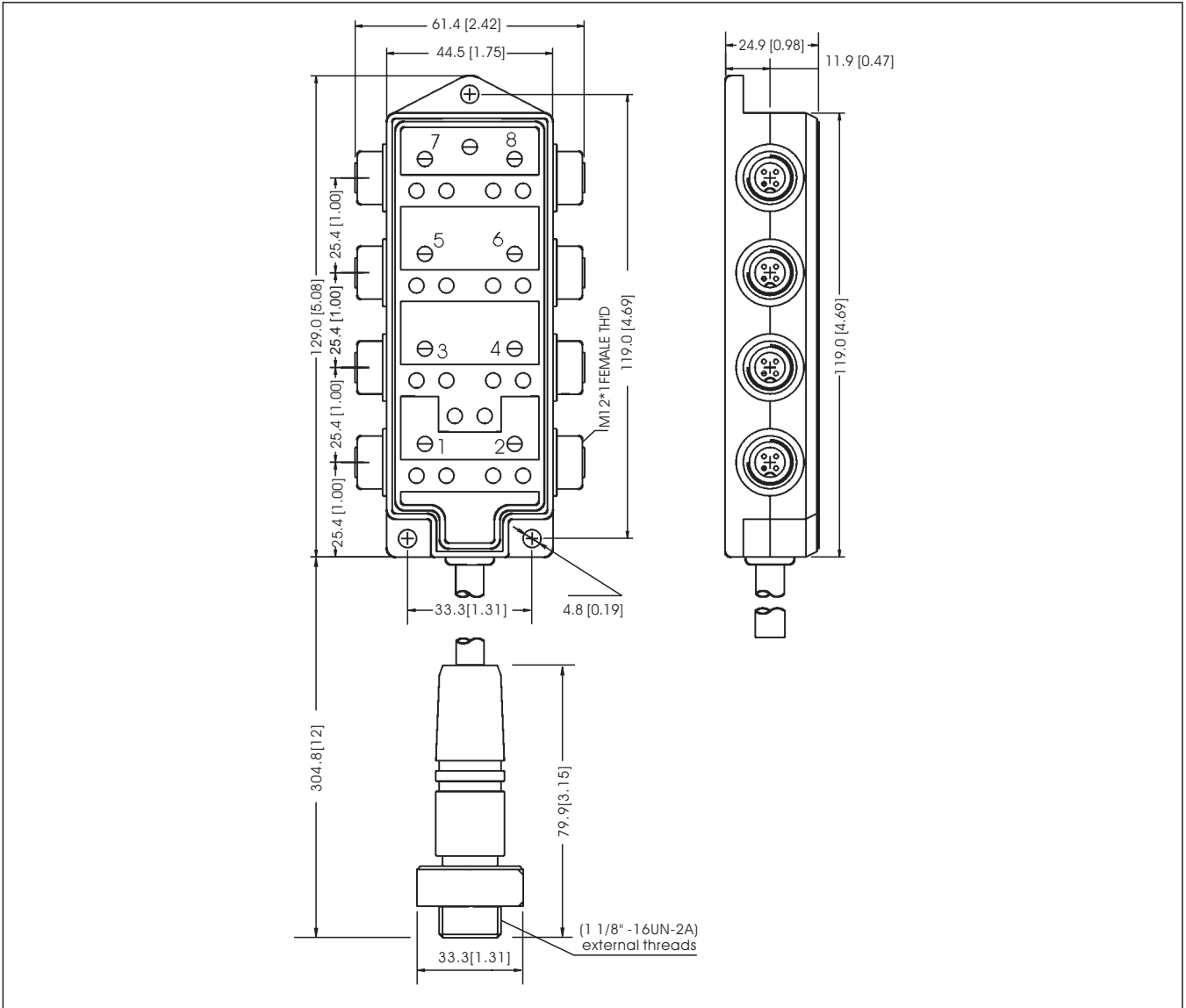
## Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR6-5/3PA-PZ8			1"-16	1=	6/4
				2=	5/4
				3=	4/4
				4=	3/4
				5=	2/4
				6=	1/4
				7=	1~6/3(-)
				8=	1~6/1(+)
	Pigtail length		Number of cable		
6 ports	305mm		33		

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

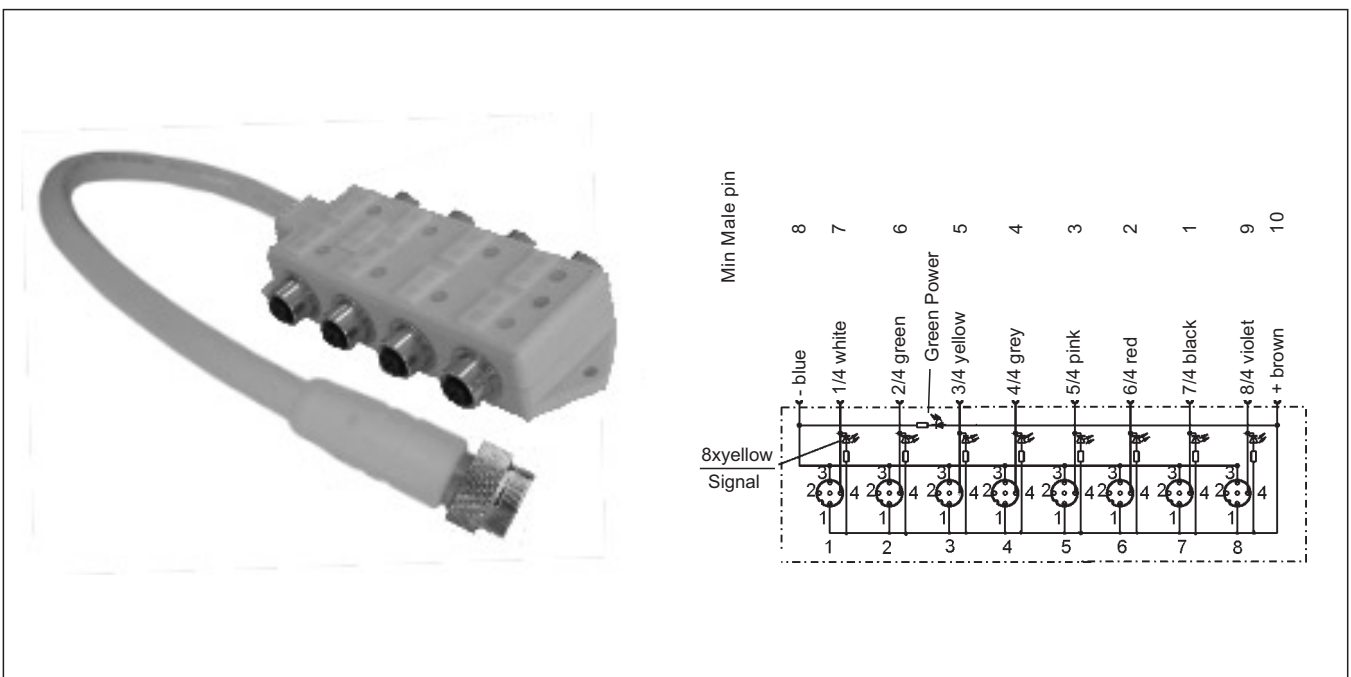
# DISTRIBUTION BOXES(DBRSP-SERIES)

## Dimensional data



## View

## Dimensional data



# DISTRIBUTION BOXES (DBRSP-SERIES)

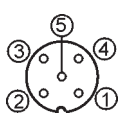

## Description

Distribution Boxes, 8 ports, Pigtail  
5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

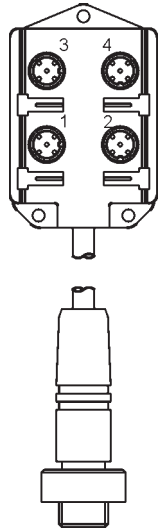
## Technical Data

1. Application Class:	-25°C to +90°C	Working Voltage:	10-30VDC
2. Materials:		Insulation Resistance:	>10 <sup>9</sup> 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:	IP68, NEMA 6P (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	5. CE Conformity with Standards:	
Male Insert:	PUR, Yellow	EN50082-1, EN50082-2 and IEC60947-5-2	
3. Electrical Data:			
Contact Resistance:	≤ 5m Ω		
Current Rating:	4 Amps per outlet 12 Amp max per box		

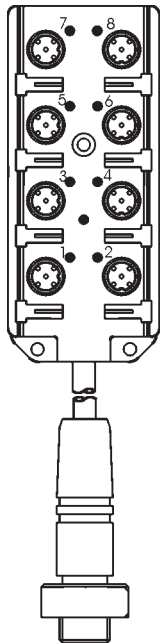
## Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR8-5/3PA-PZ10			11/8"-16	1=	7/4
				2=	6/4
				3=	5/4
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	1~8/3(-)
				9=	8/4
				10=	1~8/1(+)
	Pigtail length		Number of cable		
8 ports	305mm		32		
Reference pages J-1~J-17 for additional cable specification					





Page H38



Page H40  
page H42

Page H44