

**AUTOMOTIVE / METRIPACK  
CONNECTORS**



**GENERAL FEATURES OF MOULDED CONNECTORS:**

**Conductor cross section :**  
0.34mm<sup>2</sup>(22AWG)...1(18AWG).

**Contact seal material :**  
Round liquid silicone.

**Protection class :**  
IP 67.

**Fixing system :**  
Suitable for Metri-pack system coupling.

**Housing material :**  
Polypropylene.

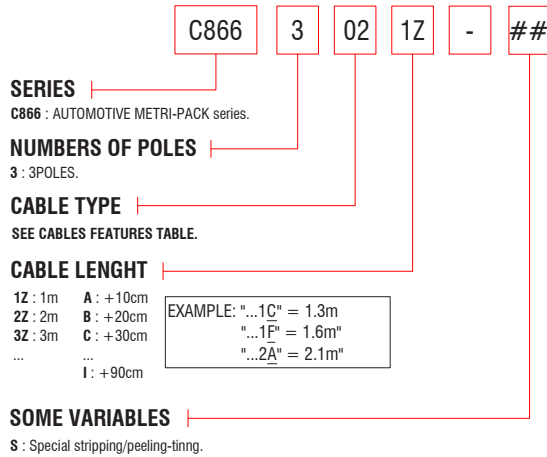
**Operating temperature :**  
-25°C +90°C

**Type of terminations :**  
Crimped wires.

**Nominal current :**  
7.5A.

**Contact material and treatment :**  
Brass + tin plated.

**Max contact current :**  
15A.



**AUTOMOTIVE CONNECTORS CABLES:**

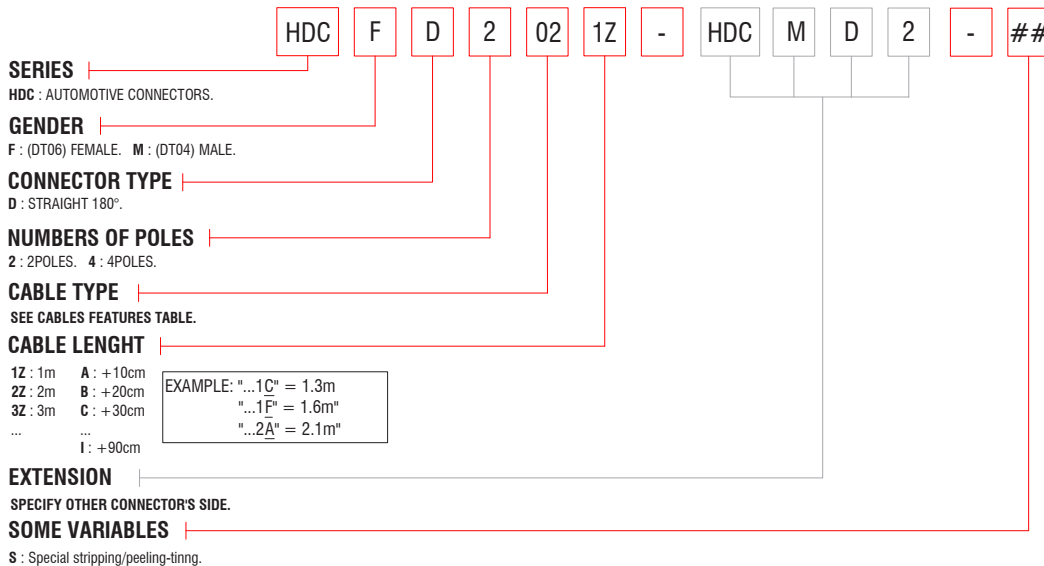
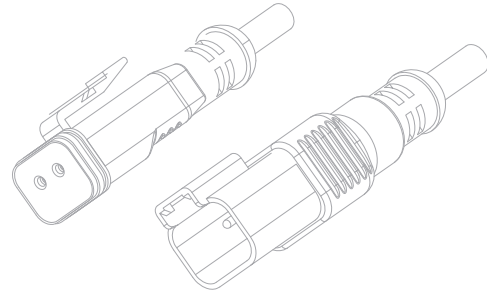
Code	Material	Type of cable	Colour	Section	No.core	Cable ø mm ±0.3	Temperature range °C
01	PVC/PVC	IEC332-1 H03VVF	Black	0.50mm <sup>2</sup>	3	ø5mm	-20°C / +80°C
02	PVC/PVC	IEC332-1 H05VVF	Black	0.75mm <sup>2</sup>	3	ø6.7mm	-20°C / +80°C
03	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.75mm <sup>2</sup>	3	ø5.5mm	-20°C / +80°C
04	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.75mm <sup>2</sup>	3	ø5mm	-20°C / +80°C
B*	PVC/PVC	CEI2022	Black	0.34mm <sup>2</sup>	3	ø 4.8mm	-20°C / +80°C
L	PVC/PVC	CEI2022	Grey RAL7032	0.34mm <sup>2</sup>	3	ø 4.8mm	-20°C / +80°C
D*	PUR/PUR		Black	0.34mm <sup>2</sup>	3	ø 4.8mm	-40°C / +80°C

**\* = Cables with minimum quantity required.**

## AUTOMOTIVE / METRIPACK CONNECTORS

### • GENERAL FEATURES OF MOULDED CONNECTORS:

<b>Conductor cross section :</b> 0.34(22AWG)...0.75mm <sup>2</sup> (18AWG).	<b>Housing material :</b> Polypropylene.	<b>Operating temperature :</b> -25°C +90°C.
<b>Fixing system :</b> Interchangeable with DT series connector system.	<b>Internal core material :</b> PA66.	
<b>Type of terminations :</b> Solder wires.	<b>Nominal current :</b> 7.5A.	
<b>Contact material and treatment :</b> Brass + tin plated.	<b>Max contact current :</b> 15A.	
<b>Contact seal material :</b> Round liquid silicon.	<b>Protection class :</b> IP 67.	



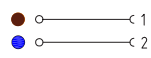
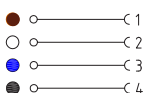
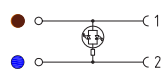
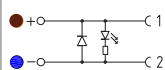
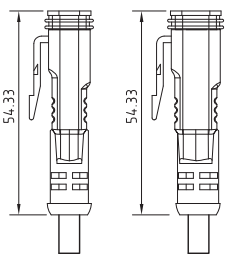
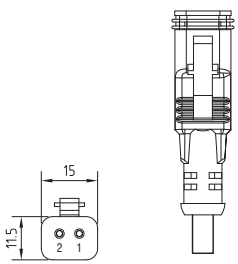
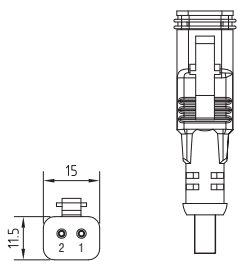
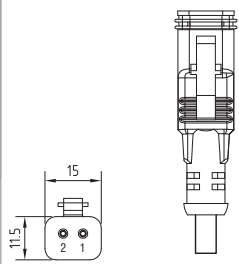
### • AUTOMOTIVE CONNECTORS CABLES:

Code	Material	Type of cable	Colour	Section	No.core	Cable ø mm ±0.3	Temperature range °C
A1	PVC/PVC	IEC332-1 H03VVF	Black	0.50mm <sup>2</sup>	2	ø5mm	-20°C / +80°C
A2	PVC/PVC	IEC332-1 H05VVF	Black	0.75mm <sup>2</sup>	2	ø6mm	-20°C / +80°C
A3	PVC/PVC	CEI2022 I F.R.O.R.	Grey RAL7032	0.75mm <sup>2</sup>	2	ø6mm	-20°C / +80°C
A4	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.50mm <sup>2</sup>	2	ø5mm	-20°C / +80°C
A8*	PUR/PVC		Black	0.50mm <sup>2</sup>	2	ø5mm	-40°C / +80°C
A9	PUR/PVC		Black	0.75mm <sup>2</sup>	2	ø6mm	-40°C / +80°C
AA*	PUR/PUR	Li-YY11Y	Black	0.50mm <sup>2</sup>	2	ø5mm	-40°C / +80°C
BA*	PUR/PUR	Li-YY11Y	Black	0.75mm <sup>2</sup>	2	ø6.5mm	-40°C / +80°C
49*	PUR/PVC	Li-YY11Y	Black	0.75mm <sup>2</sup>	4	ø7mm	-40°C / +80°C
37*	PVC/PVC	IEC332-1 H05VVF	Grey RAL7032	0.75mm <sup>2</sup>	4	ø7mm	-20°C / +80°C

\* = Cables with minimum quantity required.

## AUTOMOTIVE / METRIPACK CONNECTORS



Technical drawing				
				
<b>Product description</b>				
Connector type	Automotive/Valve connector	Automotive/Valve connector	Automotive/Valve connector	Automotive/Valve connector
Interchangeable to	Deutsch DT06	Deutsch DT06	Deutsch DT06	Deutsch DT06
Construction type	Valve connector DT series	Valve connector DT series	Valve connector DT series	Valve connector DT series
Description	Automotive/Valve connector with moulded cable. Connector without electronic.	Automotive/Valve connector with moulded cable. Connector without electronic.	Automotive/Valve connector with moulded cable. Connector with electronic.	Automotive/Valve connector with moulded cable. Connector with electronic.
Part number	<b>HDCFDN02000A21Z</b>	<b>HDCFDN04000371Z</b>	<b>HDCFDN02L01A21Z</b>	<b>HDCFDN02DL1A21Z</b>
Housing type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
Cable gland	Moulded cable	Moulded cable	Moulded cable	Moulded cable
Contacts type	Female	Female	Female	Female
Number of contacts	2poles	4poles	2poles	2poles
Housing colour	Black	Black	Trasparent	Trasparent
<b>Technical data</b>				
Type of termination	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires
Contacts material	Brass+Gold flash	Brass+Gold flash	Brass+Gold flash	Brass+Gold flash
Rated voltage	10-230 V AC/DC	10-230 V AC/DC	24 V AC/DC	24 V DC
Circuit type	-	-	Bipolar Led	Bipolar Led + Diode(1A)
Led colour	-	-	Red	Red
Rated current	8A	7A	4A	4A
Gasket material	Silicone	Silicone	Silicone	Silicone
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF
Cable jacket colour	Black	Grey	Black	Black
No. Conductors / Section	2x0.75mm <sup>2</sup>	4x0.75mm <sup>2</sup>	2x0.75mm <sup>2</sup>	2x0.75mm <sup>2</sup>
Conductor colours	Brown; Blue	Brown; White; Blue ; Black	Brown; Blue	Brown; Blue
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)
Cable lenght	1m	1m	1m	1m
<b>Packaging</b>				
Qty/Bag	1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
<b>Other accessories options</b>				
See accessories section				
<b>Notes:</b>				
Connectors available with different features: See the general features and codification scheme page See the cables list section				

## AUTOMOTIVE / METRIPACK CONNECTORS



Technical drawing					
<b>Product description</b>					
Connector type	Automotive/Valve connector	Automotive/Valve connector	Automotive/Valve connector	Automotive/Valve connector	Automotive/Valve connector
Interchangeable to	Deutsch DT04	Deutsch DT04	Deutsch DT04	Deutsch DT04	Deutsch DT04
Construction type	Valve connector DT series	Valve connector DT series	Valve connector DT series	Valve connector DT series	Valve connector DT series
Description	Automotive/Valve connector with moulded cable. Connector without electronic.	Automotive/Valve connector with moulded cable. Connector without electronic.	Automotive/Valve connector with moulded cable. Connector with electronic.	Automotive/Valve connector with moulded cable. Connector with electronic.	Automotive/Valve connector with moulded cable. Connector with electronic.
Part number	<b>HDCMDN02000A21Z</b>	<b>HDCMDN04000371Z</b>	<b>HDCMDN02L01A21Z</b>	<b>HDCMDN02DL1A21Z</b>	
Housing type	Straight 180°	Straight 180°	Straight 180°	Straight 180°	
Cable gland	Moulded cable	Moulded cable	Moulded cable	Moulded cable	
Contacts type	Male	Male	Male	Male	
Number of contacts	2poles	4poles	2poles	2poles	
Housing colour	Black	Black	Transparent	Transparent	
<b>Technical data</b>					
	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires	
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	
Rated voltage	10-230 V AC/DC	10-230 V AC/DC	24 V AC/DC	24 V DC	
Circuit type	-	-	Bipolar Led	Bipolar Led + Diode(1A)	
Led colour	-	-	Red	Red	
Rated current	8A	8A	4A	4A	
Gasket material	-	-	-	-	
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	
Cable jacket colour	Black	Grey	Black	Black	
No. Conductors / Section	2x0.75mm <sup>2</sup>	4x0.75mm <sup>2</sup>	2x0.75mm <sup>2</sup>	2x0.75mm <sup>2</sup>	
Conductor colours	Brown; Blue	Brown; White; Blue ; Black	Brown; Blue	Brown; Blue	
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)	
Cable lenght	1m	1m	1m	1m	
<b>Packaging</b>					
Qty/Bag	1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag	
<b>Other accessories options</b>					
See accessories section					
<b>Notes:</b>					
Connectors available with different feautres: See the general features and codification scheme page See the cables list section					

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