

SUMMARY



Contents

Subminiature Connectors	Range	Description	Series	Degree of protection	Voltage	Current	No. of contacts
	Snap-in IP40	Snap-in Connectors	719 · 709	IP40	60 V	3 A	3–5
	Snap-in IP67	Snap-in Connectors	620	IP67	125 V	1–3 A	3–8
	Bajonett	Bayonet Connectors	710	IP40	125 V	1–4 A	2–8
	MPP IP67	Micro Push-Pull Connectors	420	IP67	125 V	1 A	3–5
	PP IP67	Push-Pull Connectors	430	IP67/40	125 V	1–4 A	3–8
	M9 IP40	M9 Connectors	711	IP40	125 V	1–4 A	2–8
	M9 IP67	M9 Connectors	712 · 702	IP67	125 V	1–4 A	2–8

Miniature Connectors

	Snap-in IP67	Snap-in Connectors	720	IP67	60/250 V	2–7 A	3–12
	Bayonet	Bayonet Connectors	678	IP40	60/250 V	1–7 A	2–24
	Bayonet NCC	Bayonet Connectors NCC	770	IP67	175 V	2 A	8
	Push-Pull	Push-Pull Connectors	440	IP67	60/250 V	1–7 A	2–19
	M16 IP40	M16 Connectors	581 · 680 · 682	IP40	60/250 V	1–7 A	2–24
	M16 IP67	M16 Connectors	423 · 723 · 425	IP67	60/250 V	1–7 A	2–24

Power Connectors

	M23	M23 Connectors	623	IP67	60/250 V	7,5–16 A	6–19
	Bajonett	Bayonet Connectors	690	IP40	125/250 V	5–10 A	3–12
	M25	M25 Connectors	691	IP40	125/250 V	5–10 A	3–12
	RD24	RD24 Connectors	692 · 693	IP67	250/400 V	10–16 A	3–6+PE
	Bayonet HEC	Bayonet Connectors HEC	696	IP68/69K	60/400 V	3–25 A	8 (4 + 3+PE), 12
	RD30	RD30 Connectors	694	IP65	60/400 V	3–20 A	4+PE–24

Connectors RAL 9002

	Snap-in IP67	Snap-in Connectors	620	IP67	125 V	1–3 A	3–8
	Snap-in IP67	Snap-in Connectors	720	IP67	60/250 V	2–7 A	3–12
	Bayonet NCC	Bayonet Connectors NCC	770	IP67	175 V	2 A	8

Automation Technology – Sensors & Actuators

	M5	M5 Connectors	707	IP67	60 V	1 A	3–4
	M8	M8 Connectors	768 · 718	IP65/67/69K	30/60 V	1,5 A–4 A	3–8
	M12-A	M12 Connectors A-Coding	713 · 763	IP67/68/69K	30/250 V	2–8 A	3–12
	Connecting Cables	Connecting Cables	765	IP65/67/68	30/250 V	1,5 A–4 A	3–12

Automation Technology – Distributors · AS interface

	Distributors · AS interface	Distributors · AS interface	772 · 775	IP67	10/30 V	4 A	—
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Automation Technology – Data Transmission & Power Supply

	M12-B	M12 Connectors B-Coding	715 · 766	IP67/68	125/250 V	1–4 A	2–5
	M12-D · M12-X	M12 Connectors D-/X-Coding	825 · 876	IP67	60/250 V	0,5–4 A	4, 8
	M12-S · M12-K	M12 AC-Connectors S-/K-Coding	814	IP67	630 V	12 A, 16 A	2+PE, 3+PE, 4+PE
	M12-T · M12-L	M12 DC-Connectors T-/L-Coding	813	IP67	63 V	12 A	4, 4+FE
	M12-US (-C)	M12 Connectors US- (-C-)Coding	815 · 866	IP67	250 V	4 A	3–5
	M18	M18 Connectors	714	IP67	250 V	5–16 A	4
	7/8"	7/8" Connectors	820 · 870	IP67/68	300 V	8–12 A	2–4+PE

Automation Technology – Solenoid Valve Connectors

	Size A	M-A	210	IP65/67	24/250 V	2–10 A	2-3+PE
	Size B	M-B	220	IP65/67	24/250 V	2–10 A	2+PE
	Size C	M-C	230	IP65/67	24/250 V	2–10 A	2-3+PE

EMC	Ø in mm	Termination							moulded connectors	Locking			
		solder	dip solder	screw	crimp	Wire clamp	IDT	biatec®		screw	Bayonet	snap-in	Push-Pull
—	8–9	•	•						• 709			•	
—	11,5	•	•						•			•	
—	12	•									•		
—	9,5	•											•
•/—	14,5	•	•										•
—	11,5	•	•							M9 x 0,5			
•/—	11,5	•	•						• 702	M9 x 0,5			
—	16–19	•	•						•			•	
—	20	•									•		
—	16–19	•	•								•		
•/—	20	•											•
•/—	17–19	•	•	•	•					M16 x 0,75			
•/—	18,5–21,5	•	•	•	•				• 425	M16 x 0,75	•		
•/—	25	•								M23 x 1			
—	28,5	•									•		
—	28,5	•								M25 x 1			
—	29	•		•	•				• 692	RD24			
—	36				•						•		
—	40	•		•						RD30			
—	11,5	•	•						•			•	
—	16–19	•	•						•			•	
—	16–19	•	•								•		
—	6,5		•						•	M5 x 0,5			
•/—	10–14	•	• 768	• 768			• 768	• 768	• 718	M8 x 1		• 718	
•/—	15–20	• 763	• 763	• 713	• 713	• 713	• 713		• 763	M12 x 1			
—	15								•	M8/M12			
—										M8/M12/M16/M23			
•/—	15–20	• 766	• 766	• 715	• 715	• 715			• 766	M12 x 1			
•	20	• 876	• 876	• 825	• 825				• 876	M12 x 1			
—	20	•	•	•					•	M12 x 1			
—	20	•	•	•					•	M12 x 1			
—	20	•		• 815					• 866	1/2"/M12 x 1			
—	26	•	•	•						M18 x 1			
—	26–28		• 820	• 820					• 870	7/8"			
—	—	•		•	•				•	•			
—	—	•		•	•				•	•			
—	—	•		•					•	•			

SUBMINIATURE

Number of contacts	2–8
Current	1–4 A
Voltage	60–125 V
Cable outlet	2,5–5 mm
Degree of protection	IP40 and IP67
Diameter	8–14,5 mm
Shielding	shieldable/not shieldable

Snap-in IP40

■ 719 · 709 Series

Snap-in Connectors IP40

- Connectors with snap-in locking
- Connectors moulded on PVC-cable
- Versions with and without strain relief
- Degree of protection IP40
- Diameter or breadth only 9 mm
- 2 m and 5 m cable length
- Easy assembly



Snap-in IP67

■ 620 Series

Snap-in Connectors IP67

- Connectors with snap-in locking
- Connectors moulded on cable
- Degree of protection IP67
- Internal strain relief
- Easy assembly
- Versions with colour-coding



Bayonet IP40

■ 710 Series

Bayonet Connectors

- Connectors with quick bayonet locking
- Degree of protection IP40
- Cable outlet in 2 sizes
- Cable housing with integrated strain relief
- Connector diameter 12 mm



Micro Push-Pull IP67

■ 420 Series

Micro Push-Pull Connectors

- Connectors with push-pull locking
- Degree of protection IP67
- Cable outlet 3–4 mm
- Pressing screw with immunity to vibration
- Easy assembly



Product presentation 1:1

Push-Pull IP67

■ 430 Series

Push-Pull Connectors

- Connectors with push-pull locking
- Degree of protection IP67/IP40
- Shielded cable connectors with excellent EMC protection
- Cable outlet 3,5–5 mm
- Pressing screw with immunity to vibration

M9 IP40

■ 711 Series

M9 Connectors IP40

- Connectors with screw locking
- Degree of protection IP40
- Cable outlet in 2 sizes
- Cable housing with integrated strain relief

M9 IP67

■ 712 • 702 Series

M9 Connectors IP67

- Connectors with screw locking
- Connectors moulded on PUR-cable
- Connectors and cable with 360° EMC protected shielding
- Metal housing with 360° EMC protected shielding
- Degree of protection IP67
- 2 m and 5 m cable length
- Easy assembly



MINIATURE

Number of contacts	2–24
Current	1–7 A
Voltage	60–250 V
Cable outlet	3–8 mm
Degree of protection	IP40 and IP67
Diameter	16–21,5 mm
Shielding	shieldable/not shieldable

Snap-in IP67

■ 720 Series

Snap-in Connectors IP67

- Connectors with snap-in locking
- Connectors moulded on cable
- Degree of protection IP67
- Internal strain relief
- Easy assembly
- Versions with colour-coding



Bayonet IP40

■ 678 Series

Bayonet Connectors

- Connectors with bayonet locking
- Degree of protection IP40
- Assembly with self tapping screw (no conductive connection between inner and outer shell)
- Internal strain relief



Bayonet NCC

■ 770 Series

Bayonet Connectors NCC

- Connectors with bayonet locking
- Degree of protection of cable part IP67 when mated and locked correctly
- Degree of protection of socket part when not connected IP67
- Cable outlet 2,5–8 mm
- > 5000 mating cycles
- Easy assembly



Push-Pull IP67

■ 440 Series

Push-Pull Connectors

- Connectors with push-pull locking
- Degree of protection IP67
- Shielded cable connectors with excellent EMC protection
- Cable outlet 4–8 mm
- Pressing screw with immunity to vibration



M16 IP40

■ 581 • 680 • 682 Series

M16 Connectors IP40

- Connectors with screw locking according to DIN EN 61076-2-106
- Degree of protection IP40
- Good EMC characteristics
- Versions with cable bushing (good antikink), pinchrings and solder ring or with cable clamp
- Internal strain relief
- With preassembled solder ring for good ground connection
- Cost-effective plastic versions

M16 IP67

■ 423 • 723 • 425 Series

M16 Connectors IP67

- Connectors with screw locking according to DIN EN 61076-2-106
- Degree of protection IP67
- Excellent EMI shielding (versions with shielding rings 360°)
- Internal strain relief
- Versions with shielding rings or cable clamp
- Straight and angled versions
- Further cable lengths, diameters and number of contacts upon request



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