

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"			
—	—	•		•	•				•	•			
—	—	•		•	•				•	•			
—	—	•		•					•	•			

AUTOMATION TECHNOLOGY

SENSORS & ACTUATORS

Number of contacts	3, 4, 5, 8 and 12 contacts
Locking	M5/M8/M12 thread
Contact figures	acc. to DIN EN 61076-2-101/104
Connectors	Cable-, Panel mount connectors, Receptacles
Termination	Field wireable/moulded on cable
Degree of protection	IP65/IP67/IP68/IP69K
Shielding	shieldable/not shieldable

M5

■ 707 Series

M5 Connectors

- Connectors with M5 x 0,5 screw locking
- Connectors moulded on cable
- Thread nut with immunity to vibration
- Degree of protection IP67
- Versions with 3 and 4 contacts
- 2 m and 5 m cable length (PUR)
- Further cable lengths upon request, 200 pieces up



M8

■ 768 • 718 Series

M8 Connectors

- Connectors with M8 x 1 screw locking or snap-in locking 8 mm
- Connectors moulded on cable
- Shielded and unshielded versions
- Degree of protection IP65/IP67/IP69K
- Metal housing with 360° EMC protected shielding
- Field wireable, screw- and solder termination
- 2 m and 5 m cable length (PVC and PUR), chain flex ability
- UL approval
- Further cable lengths upon request, 200 pieces up



M12-A

■ 713 • 763 Series

M12 Connectors A-Coding

- Connectors with M12 x 1 screw locking
- Connectors moulded on cable
- Shielded and unshielded
- Degree of protection IP67/IP68/IP69K
- Field wireable
- Panel mount connectors ¹⁾
- Transparent housings for PCB with LED display
- 2 m and 5 m cable length (PVC and PUR), chain flex ability
- UL approval
- Further cable lengths upon request, 200 pieces up



Connecting Cables

■ 765 Series

Connecting Cables

- Connecting cords of M5, M8 and M12
- „T/Y“ 2-way distributors, adapter and lead-through for control cabinet
- Degree of protection IP65/IP67/IP68
- 1 m and 2 m cable length (PUR)
- Further cable lengths upon request, 200 pieces up



¹⁾ different types of connection

AUTOMATION TECHNOLOGY

DISTRIBUTORS & AS INTERFACE

Mating technology	M8/M12 acc. to DIN EN 61076-2-101/104
In- and outlets	4, 8
Multipol-Termination	M12, M16, M23, Field wireable, Cable versions
Degree of protection	IP67

Distributors · AS interface

■ 772 · 775 Series

Distributors, AS interface

- Ready to connect, pluggable and interface boxes for assembly
- Degree of protection IP67
- 4 or 8 in/outlets for M8 or M12 connectors
- Operation- and function LED
- Compatible with connectors of M8 and M12 series
- AS interface clamps for sensors and actuators
- AS interface connecting cables
- AS interface field wireable flat cable clamps



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