

7/8 Circular Connector

300V 10/8A

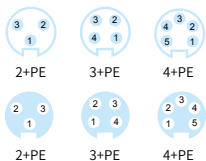
Technical characteristics

Number of contacts	3 (2+PE)	4 (3+PE)	5 (4+PE)
Rated current (40°C)	10A	8A	8A
Rated voltage	300V	300V	300V
Rated impulse voltage	2500V	2500V	2500V
Pollution degree	3	3	3
Overvoltage categorie	II	II	II
Contact resistance	≤ 3 mΩ	≤ 3 mΩ	≤ 3 mΩ
Connector locking system	screw 7/8-16UN	screw 7/8-16UN	screw 7/8-16UN
Termination	-	-	-
Wire gauge	-	-	-
Cable outlet	-	-	-
Degree of protection	IP67	IP67	IP67
Mechanical operation	> 100	> 100	> 100
Limiting temperature	-25°C ...+85°C	-25°C ...+85°C	-25°C ...+85°C
Material group	II	II	II
Material of contact	copper alloy	copper alloy	copper alloy
Contact plating	Au	Au	Au
Insulating material	TPU	TPU	TPU
Material of housing	brass nickel plated	brass nickel plated	brass nickel plated

Socket

Male integrate with female
direct tighten

7/8



Contacts	screw	Designation	Order No.
3 (2+PE)	7/8-16UN	7/8-M03-BK-F03-7/8	168 003 300 1001
4 (3+PE)	7/8-16UN	7/8-M04-BK-F04-7/8	168 003 300 1002
5 (4+PE)	7/8-16UN	7/8-M05-BK-F05-7/8	168 003 300 1003

