

# TY20 screw-on cable connector, IP68

Reference: AM2930  
 EAN13: -  
 HS code: 85369010

## Product attributes:

Number of pins: 2-pin, 3-pin, 4-pin, 5-pin, 6-pin, 7-pin



## Product features:

Housing material: Plastic  
 Waterproof grade: IP68  
 Construction: By screwing

## Product description:

Waterproof docking connector for 6 - 11.5mm diameter wires. Screw-on design. Gold plated contacts.

Protection: IP68  
 Operating temperature: -20 - 110°C  
 Relative humidity: 90% - 95%

Material: Polyamide

Package includes male and female

Type: TY20	2-pin	3-pin	4-pin	5-pin
Diameter of contacts	2.8mm	2.8mm	2.8mm	1.8mm
Max. current	25A	25A	25A	10A
Max. voltage	380V	380V	380V	380V
Contact resistance	1mΩ	1mΩ	1mΩ	2mΩ
Max. cable cross-section	4mm <sup>2</sup>	4mm <sup>2</sup>	4mm <sup>2</sup>	1.5mm <sup>2</sup>



TY20	02	03	04	05	06	07
Pin plug insulator front view						
Contact diameter (φMM)	Ø2.8X2	Ø2.8X3	Ø2.8X4	Ø1.8X5	Ø1X6	Ø1X7
Rated current (A)	25A	25A	25A	10A	5A	5A
Operating Voltage (AC.V)	380V	380V	380V	380V	250V	250V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	1	1	1	2	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000
Cable specifications (mm <sup>2</sup> /AWG)	≤4/12	≤4/12	≤4/12	≤1.5/14	≤0.75/18	≤0.75/18