



Compact and standardized M12 design saves costs; Fault proof connection through M12 T coding of the connector face; Low voltage drop; Individual solutions in the field of M12 power supply; Safety use in field environment by high protection class

- DC high-power connector- 60 VDC / 12 A



## Product description

### Application range

- Automation technology
- Plant engineering, machinery manufacturing
- Tool shop
- Wiring of machines, tools, devices, appliances and control cabinets
- Suitable for use in measuring, control and regulating circuits

### Benefits

- Compact and standardized M12 design saves costs
- Fault proof connection through M12 T coding of the connector face
- Low voltage drop
- Individual solutions in the field of M12 power supply
- Safety use in field environment by high protection class

## Product Make-up

- Valid for version with connected PVC single wire:
- Tinned-copper litz wires
- Design: 4 x AWG16 (42 x 0.203 mm)
- Core insulation made of PVC
- No outer sheath

## Product features

- M12 flush-type for front wall-mounting
- 2 various designs:
  - panel mount connector M20  
(with screw clamp, position adjustable)
  - panel mount connector M16  
(with connected 0.2 m PVC single wire)
- Contacts: 4
- 60 VDC / 12 A
- contact durability: > 100

## Technical Data

Core colour	brown (1), white (2), blue (3), black (4) (for panel mount connectors with connected single wire):
AWG	- PVC litz wire: AWG 16
Coding	M12 T - Power
Conductor cross-section	For screw clamp: 0.75 mm <sup>2</sup> - 1.5 mm <sup>2</sup> (AWG 18 - AWG 16)
Contact surface material	Au (gold)
Contact material	CuZn (brass)
Protection rating	IP67
Ambient temperature (operation)	Plug/socket -40°C to +85°C (derating must be observed - see data sheet) Cable, fixed installation -40°C to +90°C (valid for design with connected PVC single wire)