

## VK20E349

Cable connector M12 for increased ambient temperature

- / PTFE line
- / Protection class IP65 in screw fitting status
- / straight version
- / Cable length 2m



**Applicable in the temperature range**  
**-20 ... +150°C**



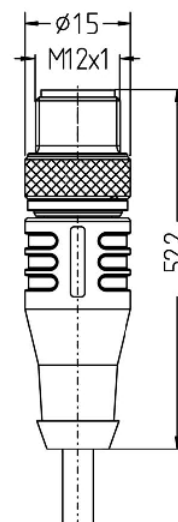
### Technical data

Contact carrier and handle body	PBT, black
Contacts	CuZn, gold plated
Sealing	FPM/FKM
Union nut	CuZn nickel-plated
Protection class	IP65 (in screw fitting status)
Cable diameter	Ø 3.8mm
Core structure	7 x 0.254mm
Cable length	2m
Cable sheath and core insulation	PTFE
Wire cross section	0,34mm <sup>2</sup>
Rated voltage	60V
Insulation resistance	≥ 10 <sup>8</sup> Ω
Ampacity (per PIN at 40°C)	4A
Contact resistance	≤ 5mΩ
Ambient temperature connector	-20 ... +150°C

### Colors of the connecting wires

1	brown
2	white
3	blue
4	black
5	grey

### Dimensional drawing



## Cable specifications

The thermal durability of this high temperature line ranges from -190°C to +260°C. Due to its fully fluorinated sheathing and core insulation, the line is ideally suited for use as a control cable in temperature-critical areas and in the computer, aerospace and aviation industries. It also features very good chemical resistance as well as ozone and weathering resistance.

### Characteristics:

- Non combustible
- low smoke development
- seawater resistant
- LABS-free
- RoHs compliant
- Excellent chemical resistance
- Ozone and UV resistant
- Hydrolysis resistant
- heat flexible

Temperature range -190 ... +260°C

bending radius	fixed	5 x Ø line
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Sheath color signal white (similar to RAL9003)

Conductor structure	Conductor material	CU-ET, nickel-plated
	Isolation	PTFE
	Sheath material	PTFE