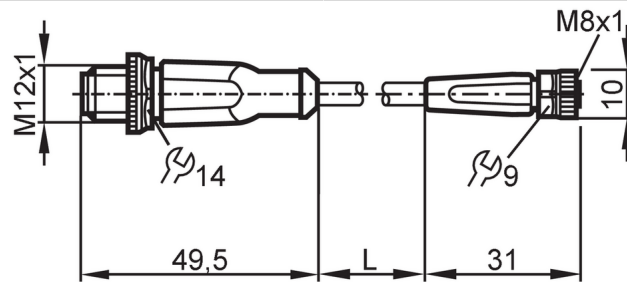




Connection cable

VDOGF030SCS00,3T03STGH030SCS



Application

Special feature	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application	welding applications
Free from silicone	yes

Electrical data

Operating voltage	[V]	< 50 AC / < 60 DC
Protection class		III
Max. current load total	[A]	3

Operating conditions

Ambient temperature	[°C]	-25...90
Note on ambient temperature		cULus: ...75 °C
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)		cULus: ...75 °C
Protection		IP 65; IP 67; IP 68; IP 69K

Mechanical data

Weight	[g]	33.3
Molded-body material		TPU (urethane)
Material nut		brass, weld coated
Sealing material		FKM
Drag chain suitability		yes
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	Bending cycles	> 2 Mio.
	Torsional strain	± 180 °/m

Remarks

Remarks	without label holders
Pack quantity	1 pcs.



Connection cable

VDOGF030SCS00,3T03STGH030SCS

Electrical connection - plug

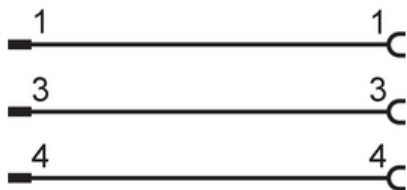
Connector: 1 x M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; Tightening torque: 0.6...1.5 Nm



Electrical connection

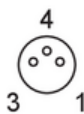
Cable: 0.3 m, PUR, Halogen-free, grey, Ø 4.5 mm; not irradiated (can be recycled); resistant to welding sparks; 3 x 0.25 mm² (32 x Ø 0.1 mm)

Connection



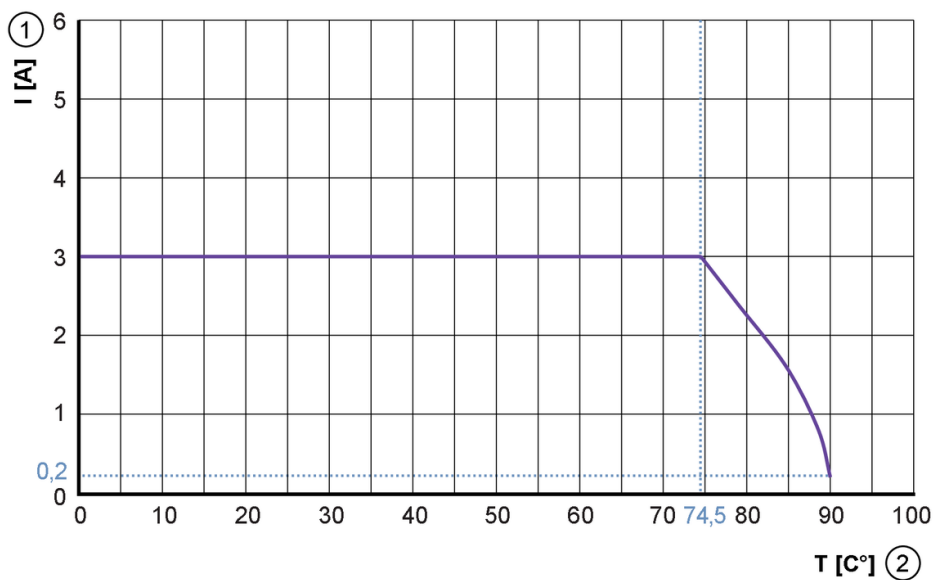
Electrical connection - Socket

Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; sealing: FKM; Tightening torque: 0.3...0.5 Nm



Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]