

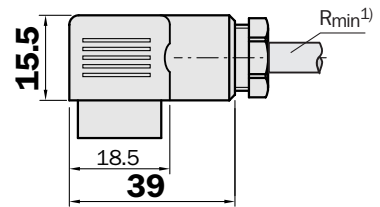
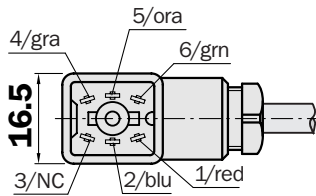
Q6, Q7, DC/AC-coding

Rectangular connector

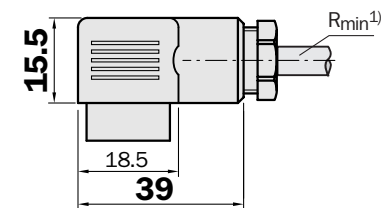
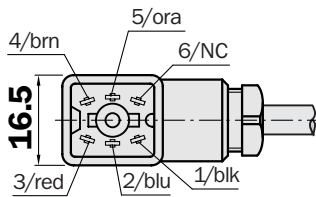
- Enclosure rating IP 65
- Connectors specifically for DC/AC voltage supply
- Connectors for connection of special sensors

Dimensional drawings

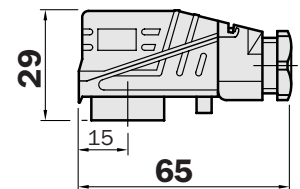
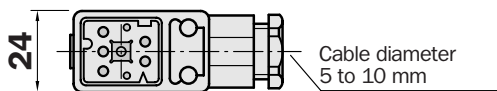
DO-1306-....



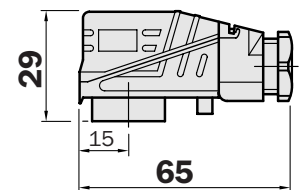
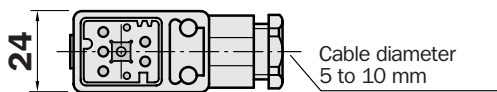
DO-1406-....



DOS-2107-W



DOS-2207-W



1) Minimum bend radius in dynamic use
 $R_{min} = 20 \times \text{cable diameter}$

Technical data

Nominal voltage U_b	250 V AC/300 V DC
Nominal power	6 A
Insulation group	C acc. VDE 0110
Temperature range	−40 °C ... +90 °C (connector)
Connector diameter	Max. 0.5 mm ² (Q6 connector), solder
	Max. 1.0 mm ² (Q7 connector), screw connection
Cable	PVC
	(5 x 0.25 mm ² , DC-coding)
	(5 x 0.5 mm ² , AC-coding)

Order information

Rectangular connector Q6 (16.5 x 18.5 mm²), DC-/AC-coding

Type	Order no.	Description	Contacts	Specification	Cable	Cable length [m]
DOS-1306-W	6 006 710	Female connector	6	DC-coding	5 ... 8 mm	terminal screwed
DOL-1306-02M	2 009 477	Female connector	6	DC-coding	PVC	2
DOL-1306-03M	2 009 478	Female connector	6	DC-coding	PVC	3
DOL-1306-05M5	2 009 479	Female connector	6	DC-coding	PVC	5.5
DOL-1306-10M	2 009 480	Female connector	6	DC-coding	PVC	10
DOS-1406-W	6 006 685	Female connector	6	AC-coding	5 ... 8 mm	terminal screwed
DOL-1406-02M	2 009 116	Female connector	6	AC-coding	PVC	2
DOL-1406-03M	2 009 117	Female connector	6	AC-coding	PVC	3
DOL-1406-05M5	2 009 118	Female connector	6	AC-coding	PVC	5.5
DOL-1406-10M	2 009 119	Female connector	6	AC-coding	PVC	10

Rectangular connector Q7 (24 x 30 mm²), DC-/AC-coding

Type	Order no.	Description	Contacts	Specification	Cable	Cable length [m]
DOS-2107-W	6 006 823	Female connector	7	DC-coding	5 ... 10 mm	terminal screwed
DOS-2207-W	6 006 821	Female connector	7	AC-coding	5 ... 10 mm	terminal screwed