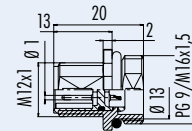
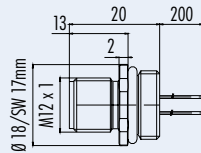


Sensorsteckverbinder Serie 713 · 763
Sensor connectors series 713 · 763
Bezeichnung
Description

Abbildung
Figure

Flanschstecker mit Litzen, 0,25mm²
Male socket with wires, 0,25mm²

Flanschstecker, löten
Male socket, solder

Maßzeichnung
Drawing

Bestell-Nr.
Ordering-No.

Polzahl Contacts	Befestigungsgewinde Fixing thread	Bestell-Nummer Ordering-Number
4	PG 9	09-3431-00-04
	M16 x 1,5	09-3431-700-04
	PG 9 VA/stainless steel	09-3431-282-04
	M16 x 1,5 VA/stainless steel	09-3431-828-04
5	PG 9	09-3441-00-05
	M16 x 1,5	09-3441-700-05
	PG 9 VA/stainless steel	09-3441-282-05
	M16 x 1,5 VA/stainless steel	09-3441-828-05
8	PG 9	09-3481-00-08
	M16 x 1,5	09-3481-700-08
	PG 9 VA/stainless steel	09-3481-282-08
12	PG 9	09-3491-00-12
	M16 x 1,5	09-3491-700-12

Polzahl Contacts	Befestigungsgewinde Fixing thread	Bestell-Nummer Ordering-Number
4	PG 9	09-3431-77-04
	M16 x 1,5	09-3431-578-04
5	PG 9	09-3441-77-05
	M16 x 1,5	09-3441-578-05
8	PG 9 (unmontiert/unmounted)	99-3481-77-08
	M16 x 1,5 (unmontiert/unmounted)	99-3481-578-08

Technische Daten
Specifications

Polzahl	4	5	8	12	Number of contacts
Steckverbinder Verriegelung	schraub/screw				Connector locking system
Anschlussart	löten, Litzen/solder, wires				Termination
Anschlussquerschnitt	max. 0,25 mm ² (max. AWG 24)			max. 0,14 mm ² (max. AWG 26)	Wire gauge
Kabeldurchlass	–				Cable outlet
Schutzart	IP 68				Degree of protection
Mechanische Lebensdauer	> 100 Steckzyklen/> 100 mating cycles				Mechanical operation
Obere Grenztemperatur	+ 85 °C				Upper temperature
Untere Grenztemperatur	– 25 °C				Lower temperature
Bemessungsspannung	250 V	125 V	60 V	30 V	Rated voltage
Bemessungs-Stoßspannung	2500 V	1500 V	800 V	500 V	Rated impulse voltage
Verschmutzungsgrad	3				Pollution degree
Überspannungskategorie	II				Overvoltage categorie
Isolierstoffgruppe	II				Material group
Bemessungsstrom (40°C)	4 A		2 A	1 A	Rated current (40 °C)
Durchgangswiderstand	≤ 3 mΩ				Contact resistance
Material Kontakt	CuZn (Messing/brass)				Material of contact
Kontaktoberfläche	Au (Gold/gold)				Contact plating
Material Kontaktkörper	PA				Material of contact body
Material Gehäuse	Zink Druckguss vernickelt/Edelstahl/zinc diecasting nickel plated/stainless steel				Material of housing

Sensorsteckverbinder Serie 763

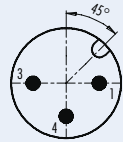
Sensor connectors series 763

Polbilder
Contact arrangements

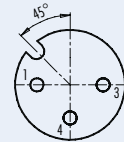
Stifteinsatz (Steckseite)
Male insert (mating side)

Buchseinsatz (Steckseite)
Female insert (mating side)

3 pol
3 contacts

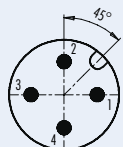


1 braun/brown
3 blau/blue
4 schwarz/black

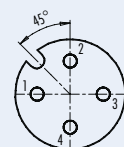


1 braun/brown
3 blau/blue
4 schwarz/black

4 pol
4 contacts

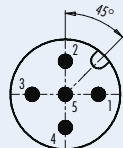


1 braun/brown
2 weiß/white
3 blau/blue
4 schwarz/black

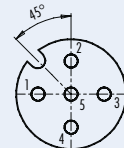


1 braun/brown
2 weiß/white
3 blau/blue
4 schwarz/black

5 pol
5 contacts

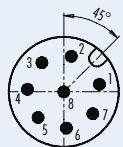


1 braun/brown
2 weiß/white
3 blau/blue
4 schwarz/black
5 grau/grey

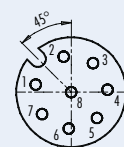


1 braun/brown
2 weiß/white
3 blau/blue
4 schwarz/black
5 grau/grey

8 pol
8 contacts

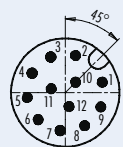


geschirmt/ shielded	nicht geschirmt/ not shielded
1 weiß/white	1 weiß/white
2 braun/brown	2 braun/brown
3 grün/green	3 grün/green
4 gelb/yellow	4 gelb/yellow
5 grau/grey	5 grau/grey
6 rosa/pink	6 rosa/pink
7 blau/blue	7 blau/blue
8 rot/red	8 Schirm/shield
Gehäuse-Schirm/ Housing-shield	

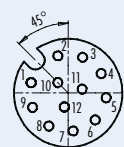


geschirmt/ shielded	nicht geschirmt/ not shielded
1 weiß/white	1 weiß/white
2 braun/brown	2 braun/brown
3 grün/green	3 grün/green
4 gelb/yellow	4 gelb/yellow
5 grau/grey	5 grau/grey
6 rosa/pink	6 rosa/pink
7 blau/blue	7 blau/blue
8 rot/red	8 Schirm/shield
Gehäuse-Schirm/ Housing-shield	

12 pol
12 contacts



1 braun/brown
2 blau/blue
3 weiß/white
4 grün/green
5 rosa/pink
6 gelb/yellow
7 schwarz/black
8 grau/grey
9 rot/red
10 violett/purple
11 grau/rosa/grey/pink
12 rot/blau/red/blue



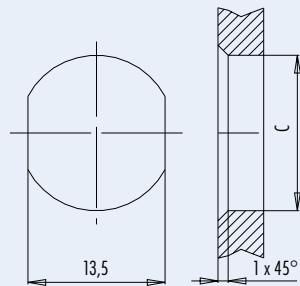
1 braun/brown
2 blau/blue
3 weiß/white
4 grün/green
5 rosa/pink
6 gelb/yellow
7 schwarz/black
8 grau/grey
9 rot/red
10 violett/purple
11 grau/rosa/grey/pink
12 rot/blau/red/blue

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Sensor connectors series 713 · 763

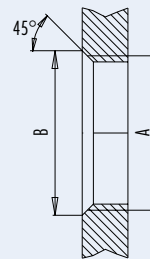
**Montageausschnitt
Panel cut out**

Mit Durchgangsbohrung/With bore hole



alternativ/alternativ

Mit Gewinde, einschraubbar/With thread to screw in



	A	B	C
PG9	PG9	16,2	15,3
M16	M16	17,0	16,1

Anzugsdrehmoment nach DIN VDE 0619
Tightening moment acc. to DIN VDE 0619

Metallgehäuse/Metal housing 6,25 Nm
Kunststoffgehäuse/Plastic housing 3,75 Nm

**Kennlinie
Rating**

Schirmdämpfungskurve nach DIN 47250-6
für Kabelsteckverbinder, gerade Ausführung
(Kabeltyp IEEE 802.3)

Attenuation curve according to DIN 47250-6
for straight cable connectors
(cable version IEEE 802.3)

