

## Miniatursteckverbinder Serie 440 Miniature connectors series 440

Bezeichnung  
Description

Abbildung  
Figure

Flanschstecker IP40  
Male socket IP40



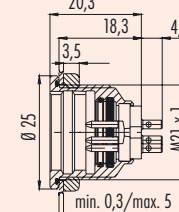
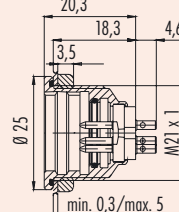
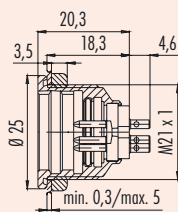
Flanschstecker IP67  
Male socket IP67



Flanschstecker IP67, geschirmt  
Male socket IP67, shielded



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4807-25-03
4	09-4811-25-04
5	09-4815-25-05
6 DIN	09-4819-25-06
7	09-4827-25-07
8 DIN	09-4831-25-08
12	09-4835-25-12
14	09-4839-25-14
19	09-4843-25-19

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4807-15-03
4	09-4811-15-04
5	09-4815-15-05
6 DIN	09-4819-15-06
7	09-4827-15-07
8 DIN	09-4831-15-08
12	09-4835-15-12
14	09-4839-15-14
19	09-4843-15-19

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4807-00-03
4	09-4811-00-04
5	09-4815-00-05
6 DIN	09-4819-00-06
7	09-4827-00-07
8 DIN	09-4831-00-08
12	09-4835-00-12
14	09-4839-00-14
19	09-4843-00-19

Technische Daten  
Specifications

	3 DIN	4	5	6 DIN	7	8 DIN	12	14	19	
Polzahl	3 DIN	4	5	6 DIN	7	8 DIN	12	14	19	Number of contacts
Steckverbinder Verriegelung	Push-Pull/ Push-Pull									Connector locking system
Anschlussart	löten/solder									Termination
Anschlussquerschnitt	max. 0,75 mm <sup>2</sup> (max. AWG 20)						max. 0,25 mm <sup>2</sup> (max. AWG 24)			Wire gauge
Kabeldurchlass	-									Cable outlet
Schutzart	IP67									Degree of protection
Mechanische Lebensdauer	> 1000 Steckzyklen/ > 1000 mating cycles									Mechanical operation
Obere Grenztemperatur	+ 85 °C									Upper temperature
Untere Grenztemperatur	- 25 °C									Lower temperature
Bemessungsspannung	250 V (32 V)			125 V (32 V)			60 V (32 V)			Rated voltage
Bemessungsstoßspannung	1500 V			800 V			500 V			Rated impulse voltage
Verschmutzungsgrad	1 (2) <sup>1)</sup>									Pollution degree
Überspannungskategorie	I (II) <sup>1)</sup>									Overvoltage category
Isolierstoffgruppe	III									Material group
Bemessungsstrom (40°C)	7 A	6 A		5 A			3 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	PBT (UL 94 V-0)									Material of contact body
Material Gehäuse	PA GF 25 (UL 94 V-0)									Material of housing

<sup>1)</sup> Bei Verschm.grad 2, Übersp.kat. II reduzierte Bemessungsspannung 32 V./ <sup>1)</sup> In case of pollution degree 2, overvoltage category II rated voltage is reduced to 32 V.

## Miniatursteckverbinder Serie 440 Miniature connectors series 440

Bezeichnung  
Description

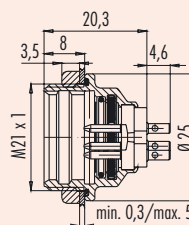
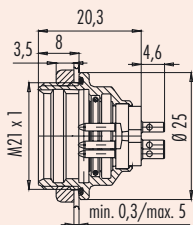
Flanschstecker, von vorn verschraubbar, IP67  
Male socket, front fastened, IP67

Flanschstecker, von vorn verschraubbar, IP67, geschirmt  
Male socket, front fastened, IP67, shielded

Abbildung  
Figure



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4807-80-03
4	09-4811-80-04
5	09-4815-80-05
6 DIN	09-4819-80-06
7	09-4827-80-07
8 DIN	09-4831-80-08
12	09-4835-80-12
14	09-4839-80-14
19	09-4843-80-19

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4807-81-03
4	09-4811-81-04
5	09-4815-81-05
6 DIN	09-4819-81-06
7	09-4827-81-07
8 DIN	09-4831-81-08
12	09-4835-81-12
14	09-4839-81-14
19	09-4843-81-19

### Technische Daten Specifications

Polzahl	3 DIN	4	5	6 DIN	7	8 DIN	12	14	19	Number of contacts
Steckverbinder Verriegelung	Push-Pull/ Push-Pull									Connector locking system
Anschlussart	löten/solder									Termination
Anschlussquerschnitt	max. 0,75 mm <sup>2</sup> (max. AWG 20)					max. 0,25 mm <sup>2</sup> (max. AWG 24)				Wire gauge
Kabeldurchlass	-									Cable outlet
Schutzart	IP67									Degree of protection
Mechanische Lebensdauer	> 1000 Steckzyklen/> 1000 mating cycles									Mechanical operation
Obere Grenztemperatur	+ 85 °C									Upper temperature
Untere Grenztemperatur	- 25 °C									Lower temperature
Bemessungsspannung	250 V (32 V)			125 V (32 V)			60 V (32 V)			Rated voltage
Bemessungsstoßspannung	1500 V			800 V			500 V			Rated impulse voltage
Verschmutzungsgrad	1 (2) <sup>1)</sup>									Pollution degree
Überspannungskategorie	I (II) <sup>1)</sup>									Overvoltage categorie
Isolierstoffgruppe	III									Material group
Bemessungsstrom (40°C)	7 A	6 A		5 A			3 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	PBT (UL 94 V-0)									Material of contact body
Material Gehäuse	PA GF 25 (UL 94 V-0)									Material of housing

## Miniatursteckverbinder Serie 440 Miniature connectors series 440

Bezeichnung  
Description

Abbildung  
Figure

Flanschdose IP40  
Female socket IP40



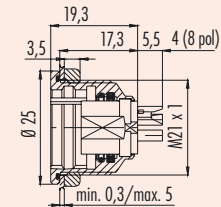
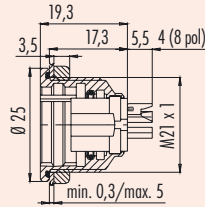
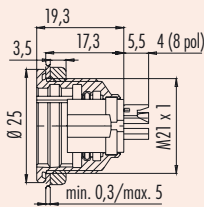
Flanschdose IP67  
Female socket IP67



Flanschdose IP67, geschirmt  
Female socket IP67, shielded



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4808-25-03
4	09-4812-25-04
5	09-4816-25-05
6 DIN	09-4820-25-06
7	09-4828-25-07
8 DIN	09-4832-25-08
12	09-4836-25-12
14	09-4840-25-14
19	09-4844-25-19

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4808-15-03
4	09-4812-15-04
5	09-4816-15-05
6 DIN	09-4820-15-06
7	09-4828-15-07
8 DIN	09-4832-15-08
12	09-4836-15-12
14	09-4840-15-14
19	09-4844-15-19

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4808-00-03
4	09-4812-00-04
5	09-4816-00-05
6 DIN	09-4820-00-06
7	09-4828-00-07
8 DIN	09-4832-00-08
12	09-4836-00-12
14	09-4840-00-14
19	09-4844-00-19

Technische Daten  
Specifications

	3 DIN	4	5	6 DIN	7	8 DIN	12	14	19	
Polzahl	3 DIN	4	5	6 DIN	7	8 DIN	12	14	19	Number of contacts
Steckverbinder Verriegelung	Push-Pull/ Push-Pull									Connector locking system
Anschlussart	löten/solder									Termination
Anschlussquerschnitt	max. 0,75 mm <sup>2</sup> (max. AWG 20)						max. 0,25 mm <sup>2</sup> (max. AWG 24)			Wire gauge
Kabeldurchlass	-									Cable outlet
Schutzart	IP67									Degree of protection
Mechanische Lebensdauer	> 1000 Steckzyklen/ > 1000 mating cycles									Mechanical operation
Obere Grenztemperatur	+ 85 °C									Upper temperature
Untere Grenztemperatur	- 25 °C									Lower temperature
Bemessungsspannung	250 V (32 V)			125 V (32 V)			60 V (32 V)			Rated voltage
Bemessungsstoßspannung	1500 V			800 V			500 V			Rated impulse voltage
Verschmutzungsgrad	1 (2) <sup>1)</sup>									Pollution degree
Überspannungskategorie	I (II) <sup>1)</sup>									Overvoltage category
Isolierstoffgruppe	III									Material group
Bemessungsstrom (40°C)	7 A	6 A		5 A			3 A			Rated current (40 °C)
Durchgangswiderstand	≤ 3 mΩ									Contact resistance
Material Kontakt	CuSn (Bronze/bronze)									Material of contact
Kontaktoberfläche	Au (Gold/gold)									Contact plating
Material Kontaktkörper	PBT (UL 94 V-0)									Material of contact body
Material Gehäuse	PA GF 25 (UL 94 V-0)									Material of housing

<sup>1)</sup> Bei Verschm.grad 2, Übersp.kat. II reduzierte Bemessungsspannung 32 V./ <sup>1)</sup> In case of pollution degree 2, overvoltage category II rated voltage is reduced to 32 V.

## Miniarsteckverbinder Serie 440 Miniature connectors series 440

Bezeichnung  
Description

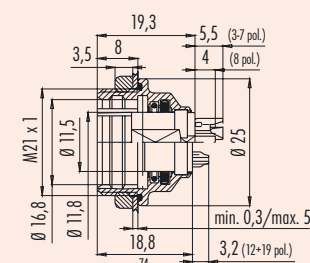
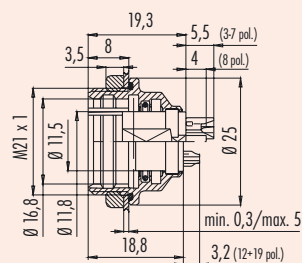
Flanschdose, von vorn verschraubbar, IP67  
Female socket, front fastened, IP67

Flanschdose, von vorn verschraubbar, IP67, **geschirmt**  
Female socket, front fastened, IP67, **shielded**

Abbildung  
Figure



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4808-80-03
4	09-4812-80-04
5	09-4816-80-05
6 DIN	09-4820-80-06
7	09-4828-80-07
8 DIN	09-4832-80-08
12	09-4836-80-12
14	09-4840-80-14
19	09-4844-80-19

Polzahl Contacts	Bestell-Nr. Ordering-No.
3 DIN	09-4808-81-03
4	09-4812-81-04
5	09-4816-81-05
6 DIN	09-4820-81-06
7	09-4828-81-07
8 DIN	09-4832-81-08
12	09-4836-81-12
14	09-4840-81-14
19	09-4844-81-19

### Technische Daten Specifications

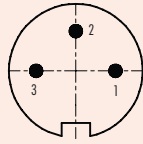
Polzahl	3 DIN	4	5	6 DIN	7	8 DIN	12	14	19	Number of contacts
Steckverbinder Verriegelung	Push-Pull/ Push-Pull									Connector locking system
Anschlussart	löten/solder									Termination
Anschlussquerschnitt	max. 0,75 mm <sup>2</sup> (max. AWG 20)					max. 0,25 mm <sup>2</sup> (max. AWG 24)				Wire gauge
Kabeldurchlass	4-8 mm									Cable outlet
Schutzart	IP67									Degree of protection
Mechanische Lebensdauer	> 1000 Steckzyklen/> 1000 mating cycles									Mechanical operation
Obere Grenztemperatur	+ 85 °C									Upper temperature
Untere Grenztemperatur	- 25 °C									Lower temperature
Bemessungsspannung	250 V (32 V)			125 V (32 V)			60 V (32 V)			Rated voltage
Bemessungsstoßspannung	1500 V			800 V			500 V			Rated impulse voltage
Verschmutzungsgrad	1 (2) <sup>1)</sup>									Pollution degree
Überspannungskategorie	I (II) <sup>1)</sup>									Overvoltage categorie
Isolierstoffgruppe	III									Material group
Bemessungsstrom (40°C)	7 A	6 A		5 A			3 A			Rated current (40 °C)
Durchgangswiderstand	≤ 3 mΩ									Contact resistance
Material Kontakt	CuSn (Bronze/bronze)									Material of contact
Kontaktoberfläche	Au (Gold/gold)									Contact plating
Material Kontaktkörper	PBT (UL 94 V-0)									Material of contact body
Material Gehäuse	PA GF 25 (UL 94 V-0)									Material of housing

**Miniatursteckverbinder Serie 440**  
**Miniature connectors series 440**

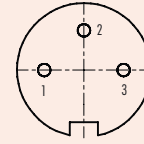
 Polbilder  
 Contact arrangements

 Stifteinsatz (Steckseite)  
 Male insert (mating side)

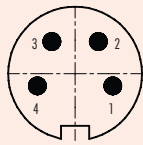
 Buchseneinsatz (Steckseite)  
 Female insert (mating side)

 3 pol (DIN 41524)  
 3 contacts (DIN 41524)


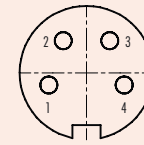
	X	Y
1	3,50	0,00
2	0,00	3,50
3	-3,50	0,00



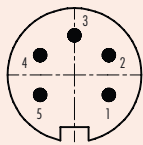
	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00

 4 pol  
 4 contacts


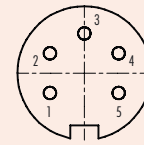
	X	Y
1	3,32	-1,08
2	2,05	2,83
3	-2,05	2,83
4	-3,32	-1,08



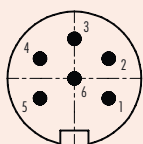
	X	Y
1	-3,32	-1,08
2	-2,05	2,83
3	2,05	2,83
4	3,32	-1,08

 5 pol  
 5 contacts


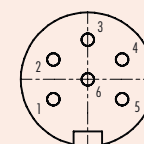
	X	Y
1	3,03	-1,75
2	3,03	1,75
3	0,00	3,50
4	-3,03	1,75
5	-3,03	-1,75



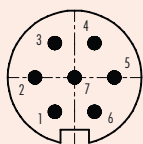
	X	Y
1	-3,03	-1,75
2	-3,03	1,75
3	0,00	3,50
4	3,03	1,75
5	3,03	-1,75

 6 pol  
 6 contacts


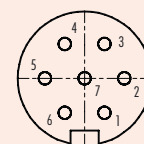
	X	Y
1	3,03	-1,75
2	3,03	1,75
3	0,00	3,50
4	-3,03	1,75
5	-3,03	-1,75
6	0,00	0,00



	X	Y
1	-3,03	-1,75
2	-3,03	1,75
3	0,00	3,50
4	3,03	1,75
5	3,03	-1,75
6	0,00	0,00

 7 pol  
 7 contacts


	X	Y
1	-1,75	-3,03
2	-3,50	0,00
3	-1,75	3,03
4	1,75	3,03
5	3,50	0,00
6	1,75	-3,03
7	0,00	0,00



	X	Y
1	1,75	-3,03
2	3,50	0,00
3	1,75	3,03
4	-1,75	3,03
5	-3,50	0,00
6	-1,75	-3,03
7	0,00	0,00

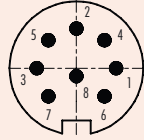
## Miniatursteckverbinder Serie 440 Miniature connectors series 440

Polbilder  
Contact arrangements

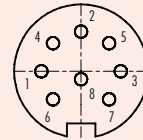
Stifteinsatz (Steckseite)  
Male insert (mating side)

Buchseinsatz (Steckseite)  
Female insert (mating side)

8 pol (DIN 45326)  
8 contacts (DIN 45326)

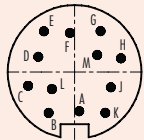


	X	Y
1	3,50	0,00
2	0,00	3,50
3	-3,50	0,00
4	2,47	2,47
5	-2,47	2,47
6	2,47	-2,47
7	-2,47	-2,47
8	0,00	-0,70

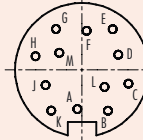


	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00
4	-2,47	2,47
5	2,47	2,47
6	-2,47	-2,47
7	2,47	-2,47
8	0,00	-0,70

12 pol  
12 contacts

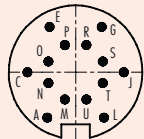


	X	Y
A	0,41	-3,45
B	-2,29	-3,61
C	-4,10	-1,21
D	-3,20	1,34
E	-2,71	3,59
F	-0,41	3,45
G	2,29	3,61
H	4,10	1,21
J	3,20	-1,34
K	2,71	-3,59
L	-2,00	-1,51
M	2,00	1,51

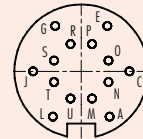


	X	Y
A	-0,41	-3,45
B	2,29	-3,61
C	4,10	-1,21
D	3,20	1,34
E	2,71	3,59
F	0,41	3,45
G	-2,29	3,61
H	-4,10	1,21
J	-3,20	-1,34
K	-2,71	-3,59
L	-2,00	-1,51
M	2,00	1,51

14 pol  
14 contacts

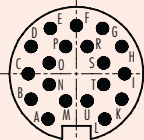


	X	Y
A	-2,50	-4,00
C	-4,25	0,00
E	-2,30	4,00
G	2,30	4,00
J	4,25	0,00
L	2,50	4,00
M	-0,95	-2,40
N	-2,40	-0,95
O	-2,40	0,95
P	-0,95	2,40
R	0,95	2,40
S	2,40	0,95
T	2,40	-0,95
U	0,95	-2,40

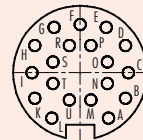


	X	Y
A	2,50	-4,00
C	4,25	0,00
E	2,30	4,00
G	-2,30	4,00
J	-4,25	0,00
L	-2,50	4,00
M	0,95	-2,40
N	2,40	-0,95
O	2,40	0,95
P	0,95	2,40
R	-0,95	2,40
S	-2,40	0,95
T	-2,40	-0,95
U	-0,95	-2,40

19 pol  
19 contacts



	X	Y
A	-2,50	-4,00
B	-4,00	-2,25
C	-4,25	0,00
D	-4,00	2,40
E	-2,30	4,00
F	0,00	4,25
G	2,30	4,00
H	4,00	2,40
I	4,25	0,00
K	4,00	-2,25
L	2,50	-4,00
M	-0,95	-2,40
N	-2,40	-0,95
O	-2,40	0,95
P	-0,95	2,40
R	0,95	2,40
S	2,40	0,95
T	2,40	-0,95
U	0,95	-2,40



	X	Y
A	2,50	-4,00
B	4,00	-2,25
C	4,25	0,00
D	4,00	2,40
E	2,30	4,00
F	0,00	4,25
G	-2,30	4,00
H	-4,00	2,40
I	-4,25	0,00
K	-4,00	-2,25
L	-2,50	-4,00
M	0,95	-2,40
N	2,40	-0,95
O	2,40	0,95
P	0,95	2,40
R	-0,95	2,40
S	-2,40	0,95
T	-2,40	-0,95
U	-0,95	-2,40

Montageausschnitt  
Panel cut out

