

Miniatursteckverbinder Serie 440

Miniature connectors series 440

Bezeichnung
Description

Abbildung
Figure

Flanschstecker IP40
Male socket IP40



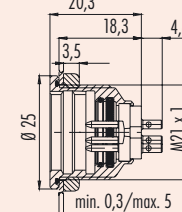
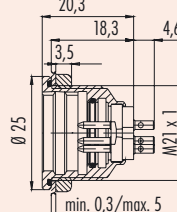
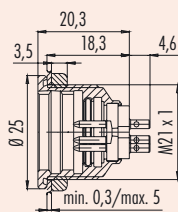
Flanschstecker IP67
Male socket IP67



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

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 ² (max. AWG 20)						max. 0,25 mm ² (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
Bemessungs-Stoßspannung	1500 V			800 V			500 V			Rated impulse voltage
Verschmutzungsgrad	1 (2) ¹⁾									Pollution degree
Überspannungskategorie	I (II) ¹⁾									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

¹⁾ Bei Verschm.grad 2, Übersp.kat. II reduzierte Bemessungsspannung 32 V./ ¹⁾ 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

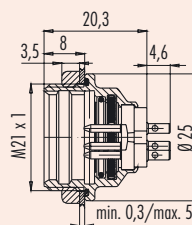
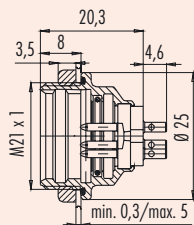
Abbildung Figure



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



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 ² (max. AWG 20)						max. 0,25 mm ² (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	
Bemessungs-Stoßspannung	1500 V			800 V			500 V			Rated impulse voltage	
Verschmutzungsgrad	1 (2) ¹⁾									Pollution degree	
Überspannungskategorie	I (II) ¹⁾									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



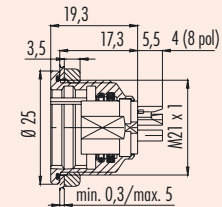
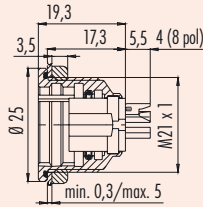
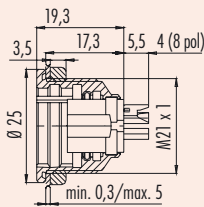
Flanschdose IP67
Female socket IP67



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

Polzahl	3 DIN	4	5	6 DIN	7	8 DIN	12	14	19	Number of contacts
Steckverbinder Verriegelung	Push-Pull/ <i>Push-Pull</i>									Connector locking system
Anschlussart	löten/ <i>solder</i>									Termination
Anschlussquerschnitt	max. 0,75 mm ² (max. AWG 20)						max. 0,25 mm ² (max. AWG 24)			Wire gauge
Kabeldurchlass	–									Cable outlet
Schutzart	IP67									Degree of protection
Mechanische Lebensdauer	> 1000 Steckzyklen/ <i>> 1000 mating cycles</i>									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
Bemessungs-Stoßspannung	1500 V			800 V			500 V			Rated impulse voltage
Verschmutzungsgrad	1 (2) ¹⁾									Pollution degree
Überspannungskategorie	I (II) ¹⁾									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/ <i>bronze</i>)									Material of contact
Kontaktoberfläche	Au (Gold/ <i>gold</i>)									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

¹⁾ Bei Verschm.grad 2, Übersp.kat. II reduzierte Bemessungsspannung 32 V./ ¹⁾ 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

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

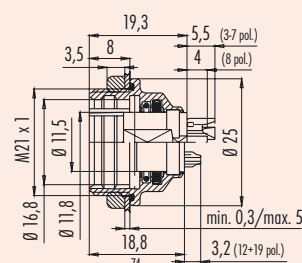
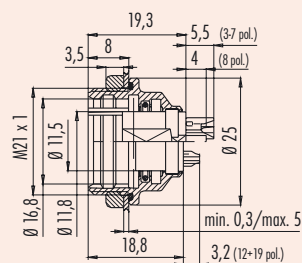
Abbildung
Figure



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



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 ² (max. AWG 20)						max. 0,25 mm ² (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	
Bemessungs-Stoßspannung	1500 V			800 V			500 V			Rated impulse voltage	
Verschmutzungsgrad	1 (2) ¹⁾									Pollution degree	
Überspannungskategorie	I (II) ¹⁾									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

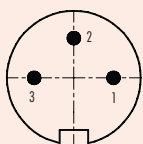
Miniature connectors series 440

Polbilder
Contact arrangements

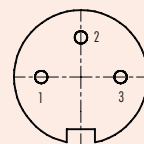
Stifteinsatz (Steckseite)
Male insert (mating side)

Buchseinsatz (Steckseite)
Female insert (mating side)

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

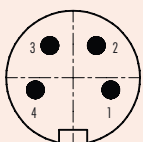


	X	Y
1	3,50	0,00
2	0,00	3,50
3	-3,50	0,00

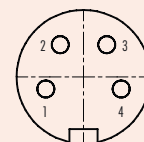


	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00

4 pol
4 contacts

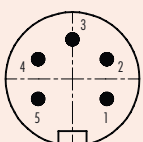


	X	Y
1	3,32	-1,08
2	2,05	2,83
3	-2,05	2,83
4	-3,32	-1,08

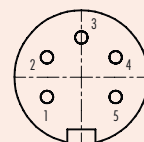


	X	Y
1	-3,32	-1,08
2	-2,05	2,83
3	2,05	2,83
4	3,32	-1,08

5 pol
5 contacts

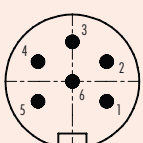


	X	Y
1	3,03	-1,75
2	3,03	1,75
3	0,00	3,50
4	-3,03	1,75
5	-3,03	-1,75

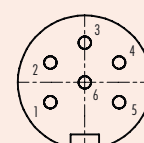


	X	Y
1	-3,03	-1,75
2	-3,03	1,75
3	0,00	3,50
4	3,03	1,75
5	3,03	-1,75

6 pol
6 contacts

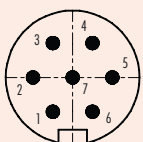


	X	Y
1	3,03	-1,75
2	3,03	1,75
3	0,00	3,50
4	-3,03	1,75
5	-3,03	-1,75
6	0,00	0,00

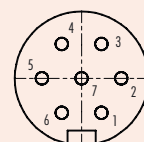


	X	Y
1	-3,03	-1,75
2	-3,03	1,75
3	0,00	3,50
4	3,03	1,75
5	3,03	-1,75
6	0,00	0,00

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

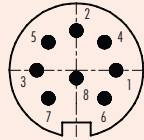
Miniature connectors series 440

Polbilder
Contact arrangements

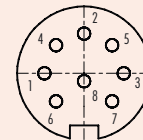
Stifteinsatz (Steckseite)
Male insert (mating side)

Buchseinsatz (Steckseite)
Female insert (mating side)

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

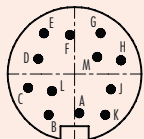


	X	Y
1	3,50	0,00
2	0,00	3,50
3	-3,50	0,00
4	2,47	2,47
5	-2,47	2,47
6	2,47	-2,47
7	-2,47	-2,47
8	0,00	-0,70

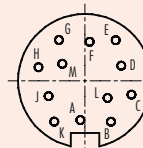


	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00
4	-2,47	2,47
5	2,47	2,47
6	-2,47	-2,47
7	2,47	-2,47
8	0,00	-0,70

12 pol
12 contacts

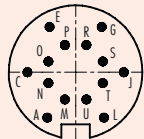


	X	Y
A	0,41	-3,45
B	-2,29	-3,61
C	-4,10	-1,21
D	-3,20	1,34
E	-2,71	3,59
F	-0,41	3,45
G	2,29	3,61
H	4,10	1,21
J	3,20	-1,34
K	2,71	-3,59
L	-2,00	-1,51
M	2,00	1,51

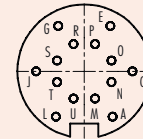


	X	Y
A	-0,41	-3,45
B	2,29	-3,61
C	4,10	-1,21
D	3,20	1,34
E	2,71	3,59
F	0,41	3,45
G	-2,29	3,61
H	-4,10	1,21
J	-3,20	-1,34
K	-2,71	-3,59
L	-2,00	-1,51
M	2,00	1,51

14 pol
14 contacts

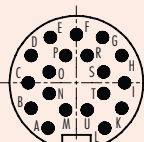


	X	Y
A	-2,50	-4,00
C	-4,25	0,00
E	-2,30	4,00
G	2,30	4,00
J	4,25	0,00
L	2,50	4,00
M	-0,95	-2,40
N	-2,40	-0,95
O	-2,40	0,95
P	-0,95	2,40
R	0,95	2,40
S	2,40	0,95
T	2,40	-0,95
U	0,95	-2,40

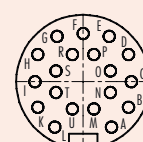


	X	Y
A	2,50	-4,00
C	4,25	0,00
E	2,30	4,00
G	-2,30	4,00
J	-4,25	0,00
L	-2,50	4,00
M	0,95	-2,40
N	2,40	-0,95
O	2,40	0,95
P	0,95	2,40
R	-0,95	2,40
S	-2,40	0,95
T	-2,40	-0,95
U	-0,95	-2,40

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

