

Miniatursteckverbinder Serie 440 Miniature connectors series 440

Bezeichnung
Description

Flanschstecker IP40
Male socket IP40

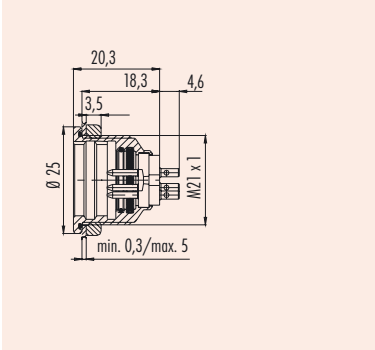
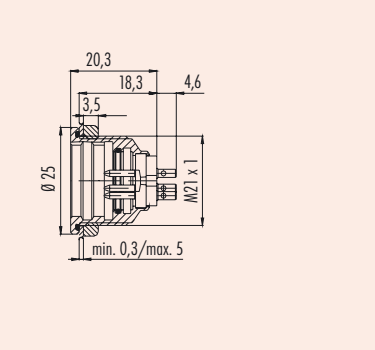
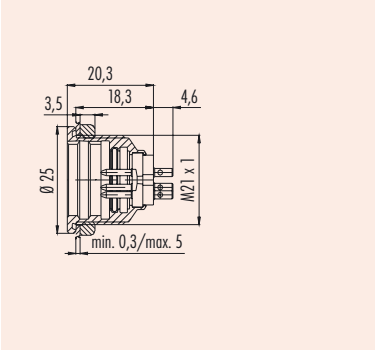
Flanschstecker IP67
Male socket IP67

Flanschstecker IP67, geschirmt
Male socket IP67, shielded

Abbildung
Figure



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
Bemessungsstoßspannung	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

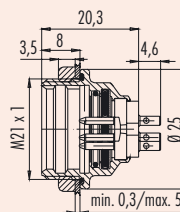
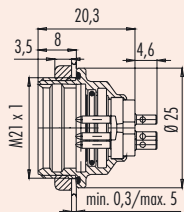
Flanschstecker, von vorn verschraubbar, IP67
Male socket, front fastened, IP67

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

¹⁾ Bei Verschm.grad 2, Überspann.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 IP40
Female socket IP40

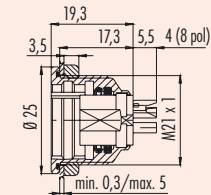
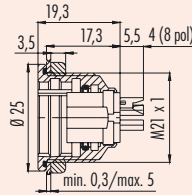
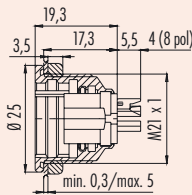
Flanschdose IP67
Female socket IP67

Flanschdose IP67, geschirmt
Female socket IP67, shielded

Abbildung
Figure



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/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	
Bemessungsstoßspannung	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	

¹⁾ Bei Verschmutzungsgrad 2, Überspann. 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

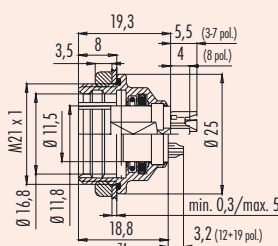
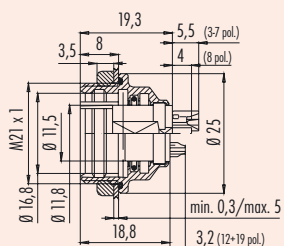
Flanschdose, von vorn verschraubbar, IP67
Female socket, front fastened, IP67

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

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

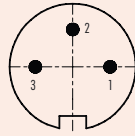
Miniatursteckverbinder Serie 440 Miniature connectors series 440

Polbilder
Contact arrangements

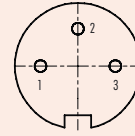
Stifteinsatz (Steckseite)
Male insert (mating side)

Buchseinsatz (Steckseite)
Female insert (mating side)

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

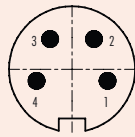


	X	Y
1	3,50	0,00
2	0,00	3,50
3	-3,50	0,00

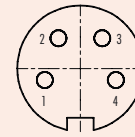


	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00

4 pol
4 contacts

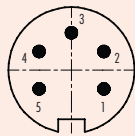


	X	Y
1	3,32	-1,08
2	2,05	2,83
3	-2,05	2,83
4	-3,32	-1,08

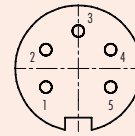


	X	Y
1	-3,32	-1,08
2	-2,05	2,83
3	2,05	2,83
4	3,32	-1,08

5 pol
5 contacts

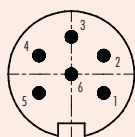


	X	Y
1	3,03	-1,75
2	3,03	1,75
3	0,00	3,50
4	-3,03	1,75
5	-3,03	-1,75

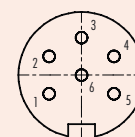


	X	Y
1	-3,03	-1,75
2	-3,03	1,75
3	0,00	3,50
4	3,03	1,75
5	3,03	-1,75

6 pol
6 contacts

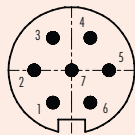


	X	Y
1	3,03	-1,75
2	3,03	1,75
3	0,00	3,50
4	-3,03	1,75
5	-3,03	-1,75
6	0,00	0,00

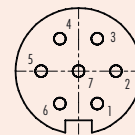


	X	Y
1	-3,03	-1,75
2	-3,03	1,75
3	0,00	3,50
4	3,03	1,75
5	3,03	-1,75
6	0,00	0,00

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

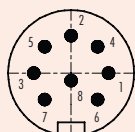
Miniatursteckverbinder Serie 440 Miniature connectors series 440

Polbilder
Contact arrangements

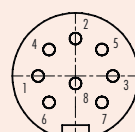
Stifteinsatz (Steckseite)
Male insert (mating side)

Bucheneinsatz (Steckseite)
Female insert (mating side)

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

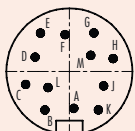


	X	Y
1	3,50	0,00
2	0,00	3,50
3	-3,50	0,00
4	2,47	2,47
5	-2,47	2,47
6	2,47	-2,47
7	-2,47	-2,47
8	0,00	-0,70

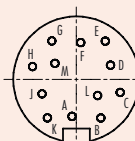


	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00
4	-2,47	2,47
5	2,47	2,47
6	-2,47	-2,47
7	2,47	-2,47
8	0,00	-0,70

12 pol
12 contacts

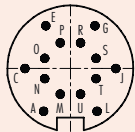


	X	Y
A	0,41	-3,45
B	-2,29	-3,61
C	-4,10	-1,21
D	-3,20	1,34
E	-2,71	3,59
F	-0,41	3,45
G	2,29	3,61
H	4,10	1,21
J	3,20	-1,34
K	2,71	-3,59
L	-2,00	-1,51
M	2,00	1,51

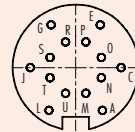


	X	Y
A	-0,41	-3,45
B	2,29	-3,61
C	4,10	-1,21
D	3,20	1,34
E	2,71	3,59
F	0,41	3,45
G	-2,29	3,61
H	-4,10	1,21
J	-3,20	-1,34
K	-2,71	-3,59
L	-2,00	-1,51
M	2,00	1,51

14 pol
14 contacts

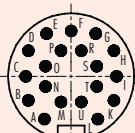


	X	Y
A	-2,50	-4,00
C	-4,25	0,00
E	-2,30	4,00
G	2,30	4,00
J	4,25	0,00
L	2,50	4,00
M	-0,95	-2,40
N	-2,40	-0,95
O	-2,40	0,95
P	-0,95	2,40
R	0,95	2,40
S	2,40	0,95
T	2,40	-0,95
U	0,95	-2,40

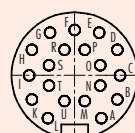


	X	Y
A	2,50	-4,00
C	4,25	0,00
E	2,30	4,00
G	-2,30	4,00
J	-4,25	0,00
L	-2,50	4,00
M	0,95	-2,40
N	2,40	-0,95
O	2,40	0,95
P	0,95	2,40
R	-0,95	2,40
S	-2,40	0,95
T	-2,40	-0,95
U	-0,95	-2,40

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

