Product sheet
Miniature connector
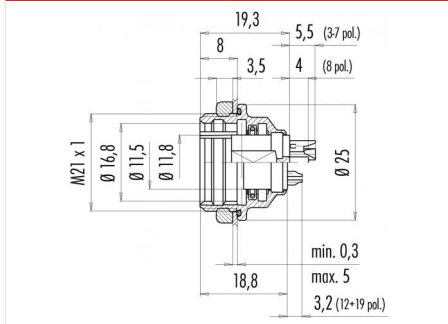
binder

Product	**Contacts: 12, female panel mount connector, screwed from front, IP 67**	Area	**Push-Pull IP67 Series 440**
Pole	**12**	Article number	**09 4836 80 12**

Illustration	Scale drawing	Contact Arrangement

Scale drawing dimensions: 19,3 · 5,5 (3-7 pol.) · 8 · 3,5 · 4 (8 pol.) · M21 x 1 · Ø 16,8 · Ø 11,5 · Ø 11,8 · Ø 25 · min. 0,3 · max. 5 · 18,8 · 3,2 (12+19 pol.)

Contact Arrangement:

	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
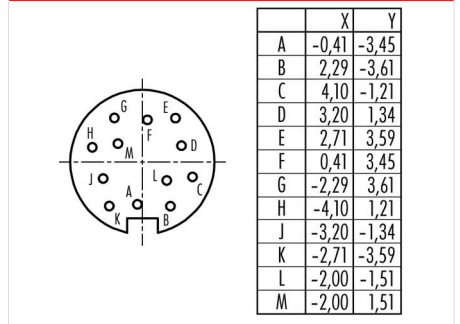
You can find the item description and assembly instruction on the next page.

Technical data

Common values

Connector Design	Female panel mount connector
Connector locking system	Push-Pull
Termination	Solder
Wire gauge (mm)	0.25 mm²
Wire gauge (AWG)	24
Cable outlet	-
Upper temperature	85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 1000 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	CuZn (Brass nickel-plated)

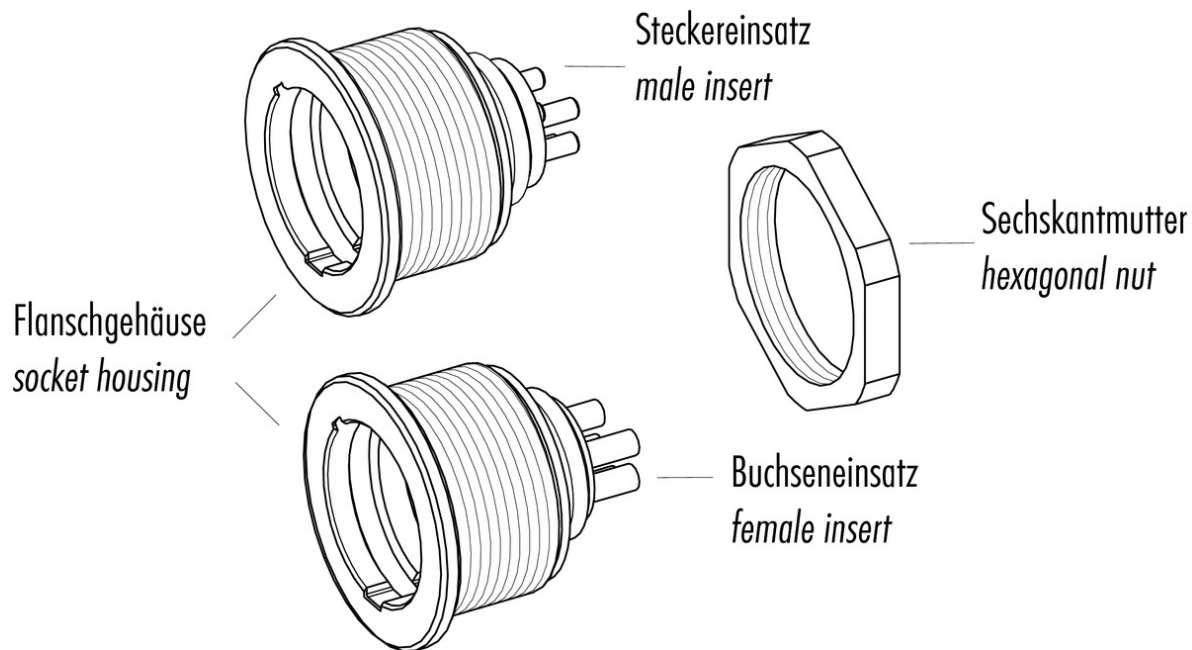Contacts: 12, female panel mount connector, screwed from front, IP 67

Product sheet
Miniature connector

Product	**Contacts: 12, female panel mount connector, screwed from front, IP 67**	Area	**Push-Pull IP67 Series 440**
Pole	**12**	Article number	**09 4836 80 12**

Item description

Steckereinsatz
male insert

Sechskantmutter
hexagonal nut

Flanschgehäuse
socket housing

Buchseneinsatz
female insert

Installation instructions / Mounting cutout

Ø 21,1

19,3