

P FK S 4- F- 0,2

Wire-length [m]

without: Front-wall mounting (optional threaded rear)

F- Back-wall mounting (threaded front)

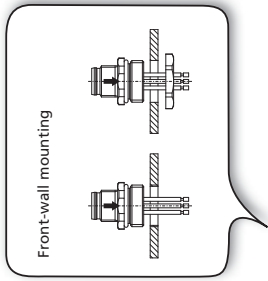
Pins

Screw-type

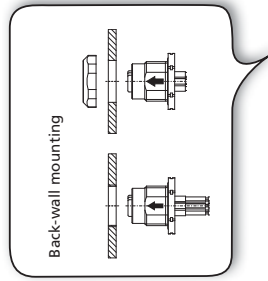
FK: *f*/*male*

FS: *male*

M8x1/Ø8mm snap



Front-wall mounting



Back-wall mounting

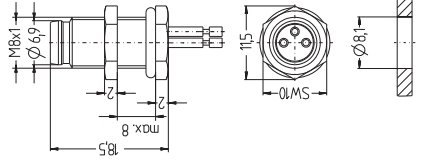


Fig. 1

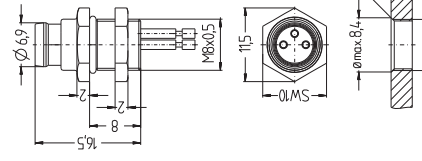


Fig. 2

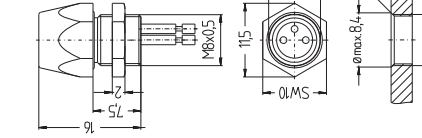


Fig. 3

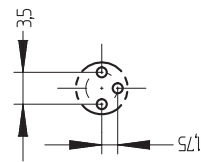


M8x1-Flanges	Version	Pins	Type-designation	Item-No.
Front-wall mounting (optional threaded rear)	f T CuZn	3	Fig. 3	8008169
		4	PKS4-0,2	8008170
		5	PKS4.5-0,2	8044266
	m T CuZn	3	Fig. 2	8008165
		4	PFS4-0,2	8008166
		5	PFS4.5-0,2	8044347
Back-wall mounting (threaded front)	m T CuZn	3	Fig. 1	8008167
		4	PFS4F-0,2	8008168

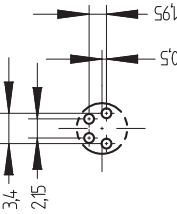
Other versions, wire-lengths and -colours are available upon request.

Footprint

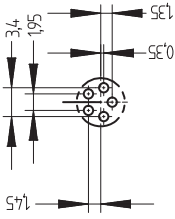
3 pins



4 pins



5 pins



M8x1 flanges

Technical data	Pins	Value
Rated voltage [U _{max}]	3, 4, 5	60V
Current load [I _{max}]	3, 4, 5	30V
Insulation resistance	≥ 10 ⁸ Ω	
Standards		IEC 61076-2-104
Materials	Contact carrier	PA, BK
	Sealing (<i>f</i> / <i>male</i>)	NBR
	Contacts	CuZn, gold-plated
	Locking mechanism	CuZn, nickel-plated
Ambient temperature		-30°C...+90°C
Degree of pollution		3
Protection class (installed)		IP67
Mechanical life cycle		>100 mating cycles
Accessories		Hex nuts are not included see accessories on page 228.

Pinning

3 pins *f*/*male*



3 pins *m*/*female*



4 pins *f*/*male*



4 pins *m*/*female*

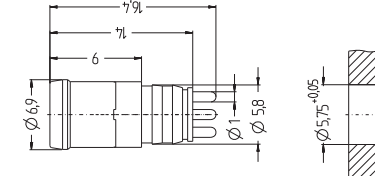
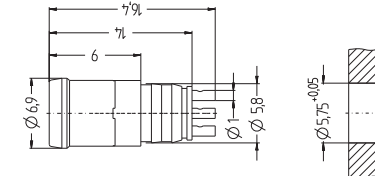
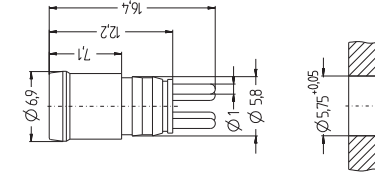
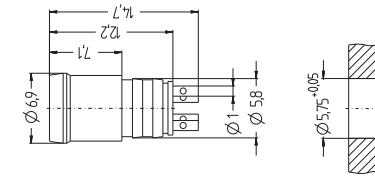


5 pins *f*/*male*



5 pins *m*/*female*





ESP_soldering-contact

ESP_print-contact

ESHP_soldering-contact

ESHP_print-contact

Panel connector	Version	Pins	Soldering-contact Type-designation	Item-No.	Print-contact Type-designation	Item-No.
Ø8snap	<i>m</i> plastics BK	3	ESP3SL	8008163	ESP4SP	8036657
		4	ESP4SL	8008164	ESP5SP	8044285
		5	ESP5SL	8044283	EKP3SP	8009728
	<i>f</i> plastics BK	3			EKP4SP	8009729
		4			EKP4.5SP	8043797
M8x1	<i>m</i> metal/plastics transparent	3	ESH3PL	8008161	ESH3P	8008159
		4	ESH4PL	8008162	ESH4P	8008160
	<i>m</i> metal	3	ESGP3L	8008744	ESGP3P	8008742
		4	ESGP4L	8008745	ESGP4P	8008743
M8x1	<i>m</i> plastics BK	3	SESP3SL	8008157		
		4	SESP4SL	8037479		

Other versions are available upon request.

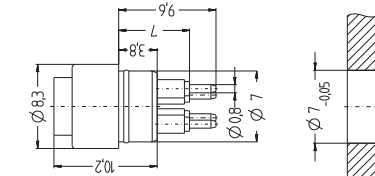
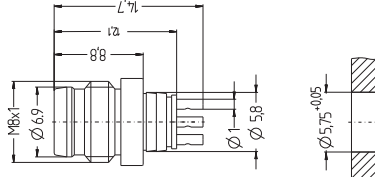
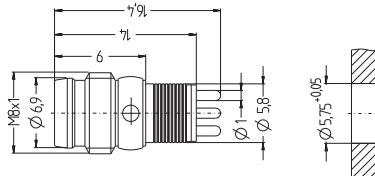
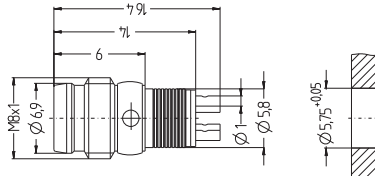
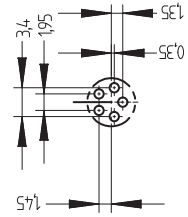
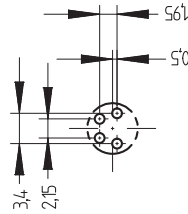
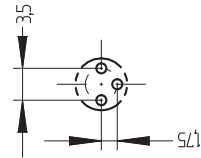


only for ESP 3,4 pins

Footprint

5 pins

4 pins



ESGP_soldering-contact

ESGP_print-contact

SESP_soldering-contact

EKP_print-contact

M8x1 panel connector

Technical data	Value
Rated voltage [U _{max}]	60V
Current load [I _{max}]	3, 4 4A 3A
Insulation resistance	≥ 10 ⁸ Ω
Standards	IEC 61076-2-104
Materials	Contact carrier Metal housing Contacts
Ambient temperature	PA, BK PA, transparent CuZn, nickel-plated CuZn, gold-plated
Degree of pollution	-30°C...+90°C
Protection class (installed)	3
Mechanical life cycle	IP67 >100 mating cycles

3 pins | *f*female

3 pins | *m*male

4 pins | *f*female

4 pins | *m*male

5 pins | *f*female

5 pins | *m*male



1BN | 3BU | 4BK

1BN | 2WH | 3BU | 4BK

1BN | 2WH | 3BU | 4BK | 5GY