

Data Sheet for sensor accessories

Connector M12 without cable

Series STEM12



Illustration similar

The connectors without cable are female straight or angled connectors with M12 thread.

- 4 pol., 5 pol.
- Angled / straight
- IP67
- shieldable / shielded

Electrical data	4 pole	5 pole
Rated current (40 °C)	4 A (3 A UL)	
Rated voltage	250 V	60 V
Rated impulse voltage	1500 V	
Volume resistivity	≤ 3 mΩ	
Insulation resistance	≥ 10 ⁸ Ω	
EMC compliance	shieldable / shielded	

General characteristics, materials	4 pole	5 pole
Connector design	female straight connector / female angled connector	
Connector locking system	bolted	
Termination	screw clamp	
Wire gauge (mm)	0.75 mm ²	
Wire gauge (AWG)	18	
Cable outlet	4.0 .. 6.0 mm	
Operational temperature	-40 °C up to +85 °C	
Protection grade (IEC60529)	IP67	
Mechanical operation	> 100 mating cycles	
Contact material	CuZn (brass)	
Contact plating	Au (gold)	
Contact body material	PA	
Housing material	Zinc die-cast nickel-plated	

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Order Code						
Description	Selection: standard=black/bold , possible <i>options=grey/italic</i>					
Series:	STE					
Thread: M12		M12				
Contact arrangement: 4 pole 5 pole			4POL 5POL			
Degree of protection: IP67				IP67		
Connector: Straight Angled					G W	
EMC compliance: Shieldable Shielded						S GS

Please note:

We provide connectors only in conjunction with a sensor unit. Please ask for your desired connector if it is not listed. Please note, a minimum order quantity may apply for unlisted connectors.

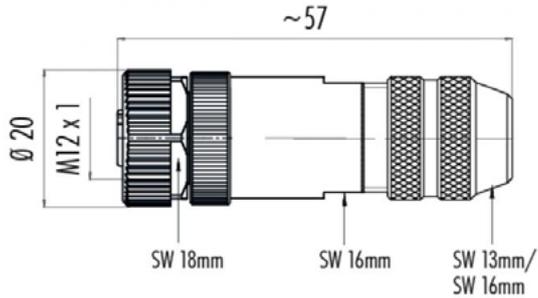
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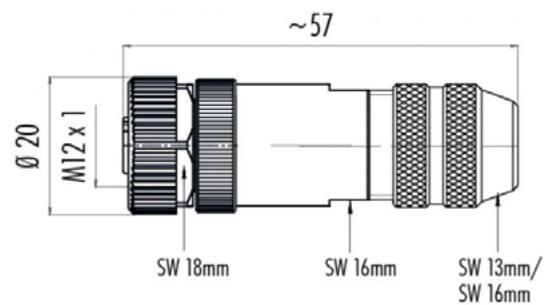
Series STEM12

Drawing

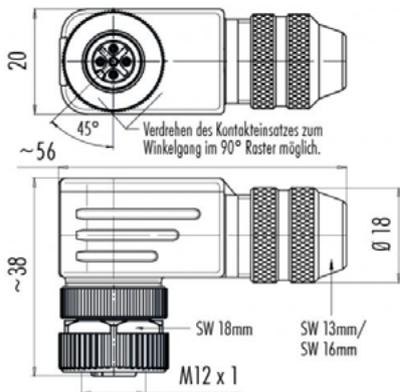
STE M12 4POL IP67 G S (UL certification)



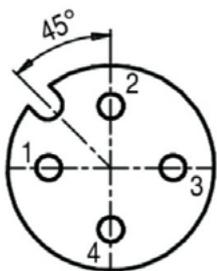
STE M12 5POL IP67 G S (UL certification)



STE M12 5POL IP67 W GS (UL certification)

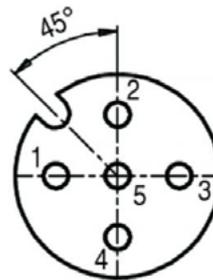


Contact arrangement 4 pole



	X	Y
1	-2,50	0,00
2	0,00	2,50
3	2,50	0,00
4	0,00	-2,50

Contact arrangement 5 pole



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

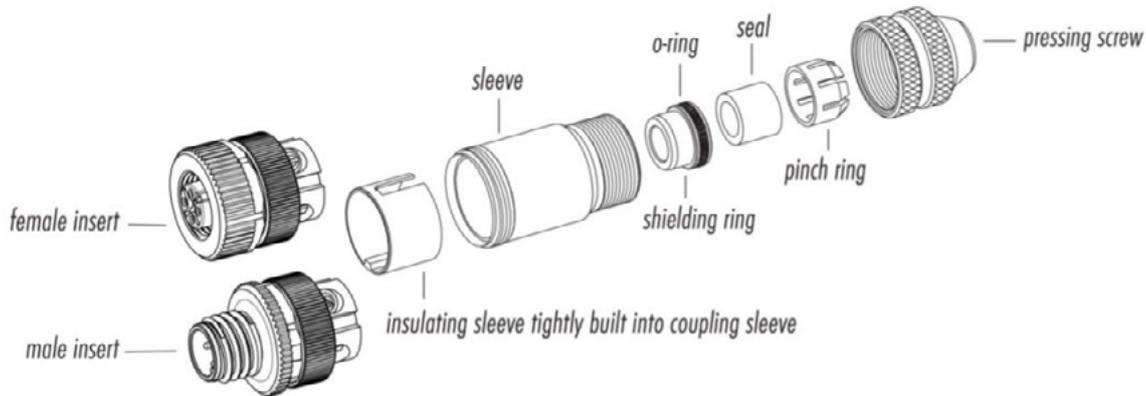
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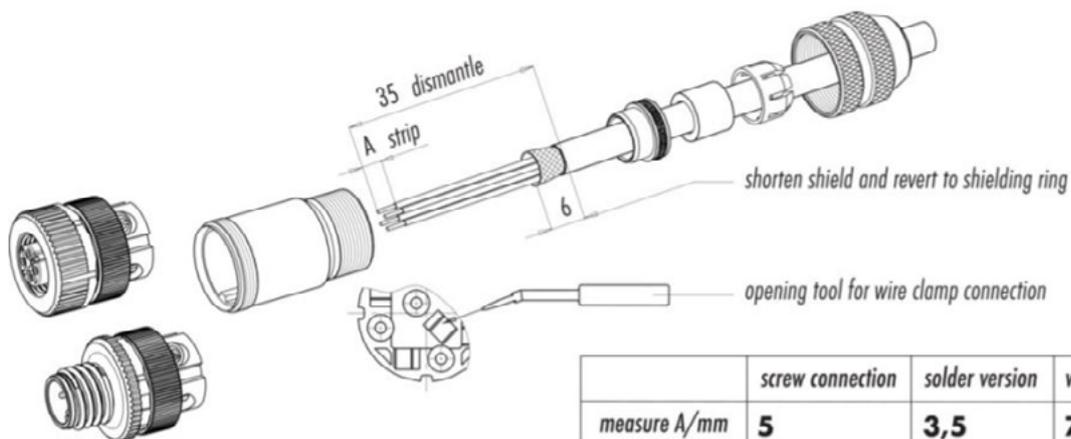
Series STEM12

Assembly instructions STE M12 4/-5-POL IP67 G S

Component part drawing



Instructions



	screw connection	solder version	wire clamp connection
measure A/mm	5	3,5	7

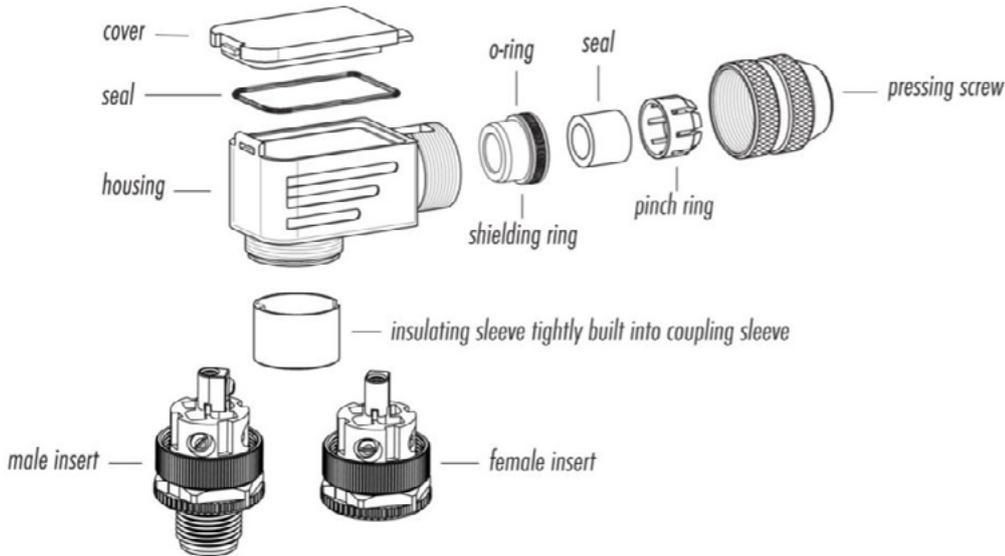
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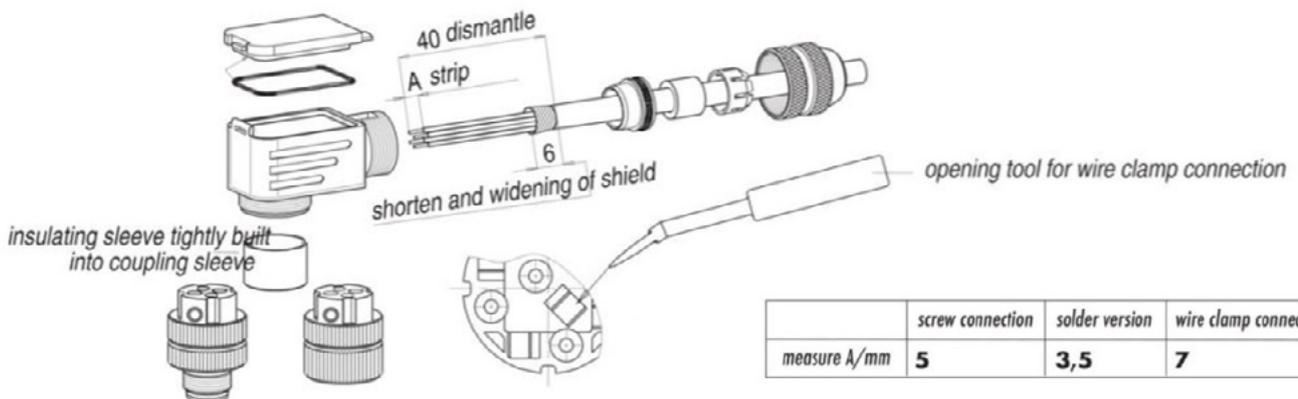
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