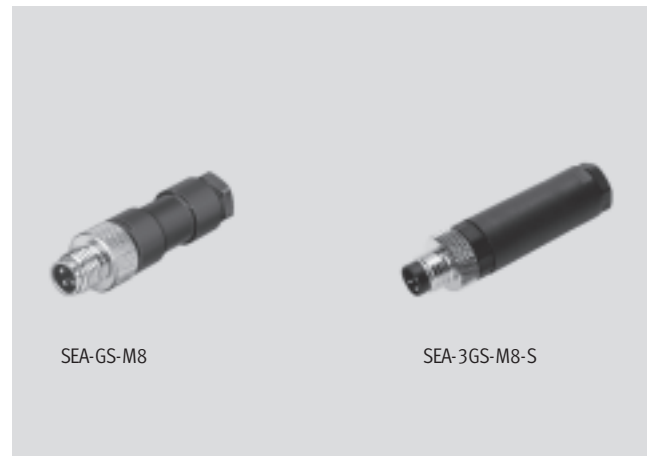


Electrical connection technology, for inputs/outputs

FESTO

Technical data – SEA-GS-M8

- Sensor plug/socket for inputs/outputs
- Can be fabricated with any cable lengths
- 3-pin
- With screw terminals or soldered connection
- Wire cross section of up to 0.5 mm²



General technical data	
Type	SEA-GS-M8
Type of mounting	Threaded connector M8
Mounting position	Any
Operating voltage range [V]	75 DC
Current-carrying capacity [A]	4
Cable gland fitting	Pg7
Material of housing	Polyamide
Material of contacts	Gold-plated brass
Material of union nut	Nickel-plated/chrome-plated brass
Ambient temperature [°C]	–40 ... +85

Ordering data								
	Electrical connection	Operating voltage range AC [V]	Perm. cable diameter [mm]	Max. wire cross section [mm ²]	Protection class to EN 60 529	Product weight [g]	Type	Part No.
	Straight plug, 3-pin, screw terminal	48	2.5 ... 5	0.14 ... 0.5	IP65 (assembled)	11	SEA-3GS-M8-S	192 009
	Straight plug, 3-pin, solder lug	60	3.5 ... 5	0.25	IP67 (assembled)	9	SEA-GS-M8	18 696

Electrical connection technology, for inputs/outputs

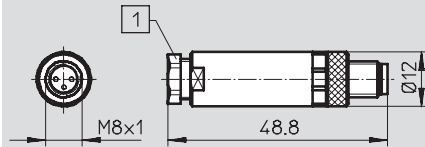
FESTO

Technical data – SEA-GS-M8

Dimensions

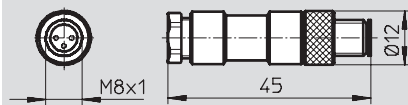
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SEA-3GS-M8-S



- 1 Cable gland fitting:
- Black for cable 3.5 ... 5 mm
 - Blue for cable 2.5 ... 4 mm

SEA-GS-M8



Electrical connection technology, for inputs/outputs

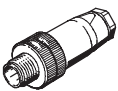
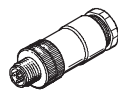
FESTO

Technical data – SEA-GS

- Sensor plug/socket for inputs/ outputs
- Can be fabricated with any cable lengths
- 4-pin
- Wire cross section of up to 0.75 mm²



General technical data	
Type	SEA-GS-...
Electrical connection	Straight plug, 4-pin, screw terminal
Type of mounting	Threaded connector M12
Mounting position	Any
Current-carrying capacity [A]	3
Max. wire cross section [mm ²]	0.75
Protection class to EN 60 529	IP67 (assembled)
Material of housing	Polybuteneterephthalate
Material of contacts	Copper base alloy
Material of union nut	Polybuteneterephthalate
Ambient temperature [°C]	–40 ... +85

Ordering data							
	Operating voltage range		Cable gland fitting	Perm. cable diameter [mm]	Product weight [g]	Type	Part No.
	[V]	[V]					
	250 AC	300 DC	Pg7	4 ... 6	17	SEA-GS-7	18 666
	125 AC	150 DC	Pg9	6 ... 8	18	SEA-GS-9	18 778
	125 AC	150 DC	Pg11	3 ... 5	24	SEA-GS-11-DUO	18 779

Electrical connection technology, for inputs/outputs

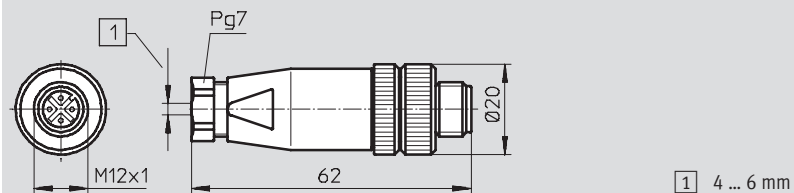
FESTO

Technical data – SEA-GS

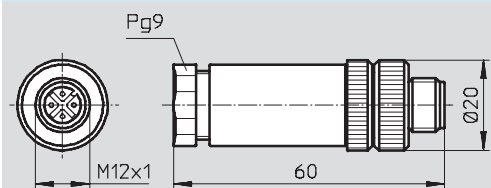
Dimensions

Download CAD data → www.festo.com

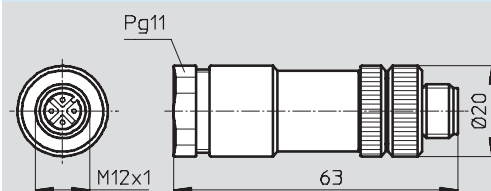
SEA-GS-7



SEA-GS-9



SEA-GS-11-DUO



Electrical connection technology, for inputs/outputs

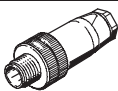
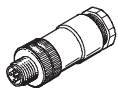
FESTO

Technical data – SEA-...GS

- Sensor plug/socket for inputs/ outputs
- Can be fabricated with any cable lengths
- 4-pin or 5-pin
- Wire cross section of up to 0.5 mm²



General technical data	
Type	SEA-...GS-...
Type of mounting	Threaded connector M12
Mounting position	Any
Perm. cable diameter [mm]	2.5 ... 2.9
Max. wire cross section [mm ²]	0.14 ... 0.5
Protection class to EN 60 529	IP65 (assembled)
Material of housing	Polyamide
Material of contacts	Copper base alloy
Material of union nut	Polyamide
Ambient temperature [°C]	–40 ... +85

Ordering data								
	Electrical connection	Operating voltage range		Current-carrying capacity [A]	Cable gland fitting	Product weight [g]	Type	Part No.
		[V]	[V]					
	Straight plug, 4-pin, screw terminal	48 AC	75 DC	4	Pg7	18	SEA-4GS-7-2,5	192 008
	Straight plug, 5-pin, screw terminal	30 AC	36 DC	3	Pg11	24	SEA-5GS-11-DUO	192 010

Electrical connection technology, for inputs/outputs

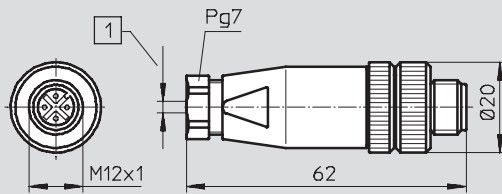
FESTO

Technical data – SEA-...GS

Dimensions

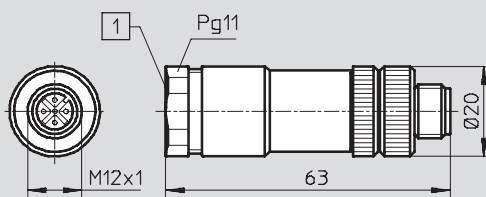
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SEA-4GS-7-2,5



1 2.5 ... 2.9 mm

SEA-5GS-11-DUO



- 1 Included in the scope of delivery:
- 1 seal insert for 2 cables with a dia. of 2.5 ... 2.9 mm
 - 1 seal insert for 2 cables with a dia. of 5 mm
 - 1 cable binder

Electrical connection technology, for inputs/outputs

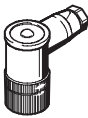
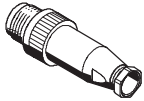
FESTO

Technical data – SEA-M12

- Sensor plug/socket for inputs/ outputs
- Can be assembled with any cable length
- 4-pin or 5-pin
- Wire cross section of up to 0.75 mm²



General technical data		
Type	SEA-M12-5GS-PG7	SEA-M12-4WD-PG7
Mounting position	Any	
Cable connection	Pg7	
Perm. cable Ø [mm]	4 ... 6	
Max. tightening torque for locking [Nm]	0.6	
Connection cross section [mm ²]	0.25 ... 0.75	
Acceptable current load at 40 °C [A]	4	
Surge capacity [kV]	1.5	2.5
Protection class to EN 60529	IP67 (assembled)	
Material of housing	Reinforced polyamide	
Material of contacts	Brass, coated with white bronze	
Material of seals	Nitrile rubber	
Material of union nut	Nickel-plated die-cast zinc	
Note on materials	Conforms to RoHS	
Degree of contamination	3	
Fire protection classification to UL94	HB, V2	
Ambient temperature [°C]	–25 ... +85	

Ordering data							
	Electrical connection	Type of mounting	Operating voltage range		Product weight [g]	Type	Part No.
			[V]	[V]			
	Angled socket, 4-pin, type A, screw terminal	Union nut M12	250 AC	250 DC	30	SEA-M12-4WD-PG7	185 498
	Straight plug, 5-pin, type A, screw terminal	Threaded connector M12	60 AC	60 DC	21.5	SEA-M12-5GS-PG7	175 487

Electrical connection technology, for inputs/outputs

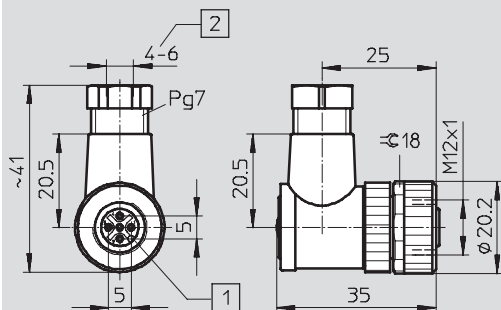
FESTO

Technical data – SEA-M12

Dimensions

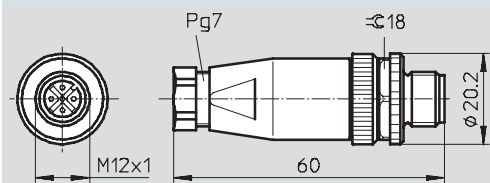
Download CAD data → www.festo.com

SEA-M12-4WD-PG7



- 1 Insert rotatable in steps of 90°
- 2 Cable Ø 4 ... 6 mm

SEA-M12-5GS-PG7



Electrical connection technology, for inputs/outputs

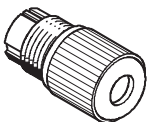
FESTO

Technical data – SEA-GS-HAR

- Sensor plug/socket for inputs/outputs
- Can be fabricated with any cable lengths
- 4-pin
- Wire cross section of up to 0.5 mm²



General technical data	
Type	SEA-GS-HAR-4POL
Mounting position	Any
Current-carrying capacity [A]	3
Cable gland fitting	Pg9
Perm. cable diameter [mm]	4 ... 5.1
Max. wire cross section [mm ²]	0.25 ... 0.5
Protection class to EN 60 529	IP67 (assembled)
Material of housing	Nickel-plated brass
Material of contacts	Gold-plated copper base alloy
Ambient temperature [°C]	–25 ... +85

Ordering data							
	Electrical connection	Type of mounting	Operating voltage range		Product weight [g]	Type	Part No.
			[V]	[V]			
	Socket, straight, 4-pin, slot terminal	Threaded connector M12	32 AC	32 DC	11.5	SEA-GS-HAR-4POL	525 928

Dimensions

Download CAD data → www.festo.com

SEA-GS-HAR

