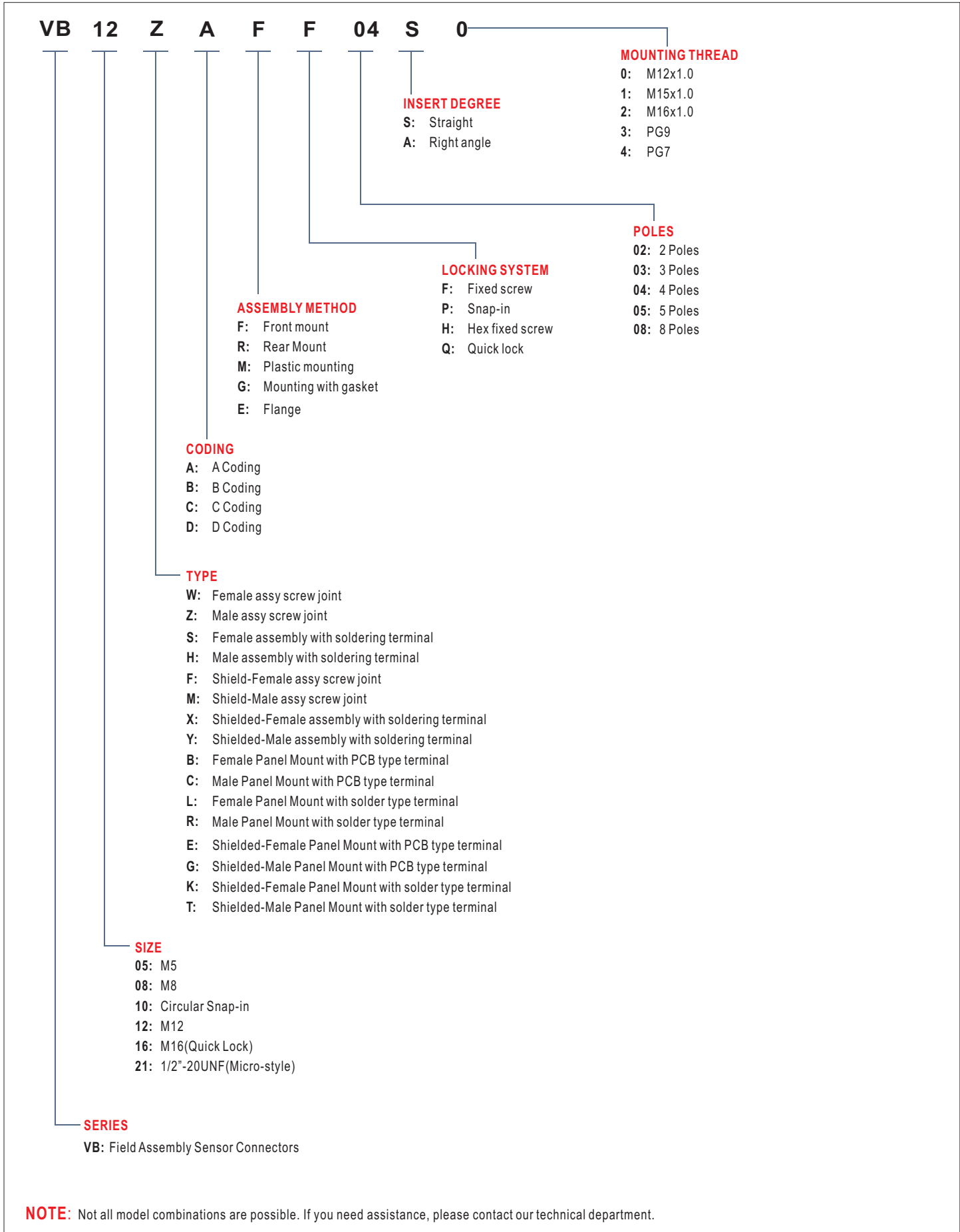




**SELECTION GUIDE FOR FIELD ASSEMBLY SENSOR CONNECTORS**

**VB Series Field Assembly Sensor Connectors**



**NOTE:** Not all model combinations are possible. If you need assistance, please contact our technical department.



**Features**

- M8 Field Assembly
- Fix Screw Locking
- Male, Female
- Straight, Right Angle
- Non-Shielded
- Screw Joint Contacts Terminal
- Soldering Contacts Terminal
- IP67 Protection, IP68 Protection
- A-Coded

(Unit: mm)



Connector Series		M8				
Locking Type		Fix Screw				
Gender		Male				
Poles		3	4	5	6	8
Face View						
Straight	Screw Joint Contacts	VB08ZAFF03S	VB08ZAFF04S	VB08ZAFF05S	VB08ZAFF06S	VB08ZAFF08S
	Soldering Contacts	VB08HAFF03S	VB08HAFF04S	VB08HAFF05S	VB08HAFF06S	VB08HAFF08S
Right Angle	Screw Joint Contacts	VB08ZAFF03A	VB08ZAFF04A	VB08ZAFF05A	VB08ZAFF06A	VB08ZAFF08A
	Soldering Contacts	VB08HAFF03A	VB08HAFF04A	VB08HAFF05A	VB08HAFF06A	VB08HAFF08A
Gender		Female				
Poles		3	4	5	6	8
Face View						
Straight	Screw Joint Contacts	VB08WAFF03S	VB08WAFF04S	VB08WAFF05S	VB08WAFF06S	VB08WAFF08S
	Soldering Contacts	VB08SAFF03S	VB08SAFF04S	VB08SAFF05S	VB08SAFF06S	VB08SAFF08S
Right Angle	Screw Joint Contacts	VB08WAFF03A	VB08WAFF04A	VB08WAFF05A	VB08WAFF06A	VB08WAFF08A
	Soldering Contacts	VB08SAFF03A	VB08SAFF04A	VB08SAFF05A	VB08SAFF06A	VB08SAFF08A
Shielded		Non-Shielded				
Coding		A-Coded				
Assembly Style		Field assembly				
Connector Insert		PA+GF				
Mold Material		PVC				
Connector Contacts		Brass with gold plated				
Coupling Nut/Screw		Brass with nickel plated				
Sealing		Viton				
Waterproof Rating		IP67 / IP68				
Protection Degree		1m water 30 minutes				
Standard		IEC 61076-2-104				
Rated Voltage		60VAC / 70VDC				
Insulation Resistance		>500MQ,500VDC				
Rated Current		3A,1A				
Contact Resistance		<5mΩ				
Ambient Temperature		-45°C~+105°C				
Cable Jacket		/				
Cable Length		/				
Wire Gage		PG7/PG9				
Wire Size		/				
Test Voltage		>1KV eff./60s				
Breakdown Voltage		Normal temperature, >2.5KV; Water, 1KV				
Durability		3K plug/unplug cycles				
Remarks		Contact us if special specifications.				



**Features**

- M8 Field Assembly
- Fix Screw Locking
- Male, Female
- Straight
- Shielded
- Screw Joint Contacts Terminal
- IP67 Protection, IP68 Protection
- A-Coded

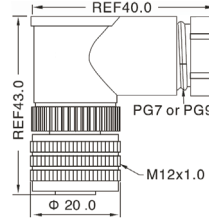
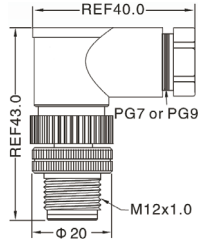
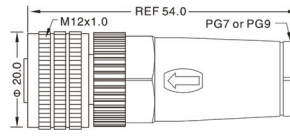
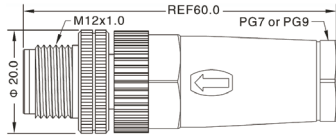
(Unit: mm)

Connector Series		M8			
Locking Type		Fix Screw			
Gender		Male			
Poles		3	4		
Face View					
Straight	Screw Joint Contacts	VB08XAFF03S	VB08XAFF04S		
	Soldering Contacts				
Right Angle	Screw Joint Contacts				
	Soldering Contacts				
Gender					
Poles		3	4		
Face View					
Straight	Screw Joint Contacts	VB08YAFF03S	VB08YAFF04S		
	Soldering Contacts				
Right Angle	Screw Joint Contacts				
	Soldering Contacts				
Shielded	Shielded				
Coding	A-Coded				
Assembly Style	Field assembly				
Connector Insert	PA+GF				
Housing Material	Nickel plated CuZn				
Connector Contacts	Brass with gold plated				
Coupling Nut/Screw	Brass with nickel plated				
Sealing	Viton				
Waterproof Rating	IP67 / IP68				
Protection Degree	1m water 30 minutes				
Standard	IEC 61076-2-104				
Rated Voltage	60VAC / 70VDC				
Insulation Resistance	>500MΩ, 500VDC				
Rated Current	3A, 1A				
Contact Resistance	<5mΩ				
Ambient Temperature	-45°C~+105°C				
Cable Jacket	/				
Cable Length	/				
Wire Gage	PG7/PG9				
Wire Size	/				
Test Voltage	>1KV eff./60s				
Breakdown Voltage	Normal temperature, >2.5KV; Water, 1KV				
Durability	3K plug/unplug cycles				
Remarks	Contact us if special specifications.				



**Features**

- M12 Field Assembly
- Fix Screw Locking
- Male, Female
- Straight, Right Angle
- Non-Shielded
- Screw Joint Contacts Terminal
- Soldering Contacts Terminal
- IP67 Protection, IP68 Protection
- A-Coded



(Unit: mm)

Connector Series		M12				
Locking Type		Fix Screw				
Gender		Male				
Poles		3	4	5	8	12
Face View						
Straight	Screw Joint Contacts	VB12ZAFF03S	VB12ZAFF04S	VB12ZAFF05S	VB12ZAFF08S	
	Soldering Contacts	VB12HAFF03S	VB12HAFF04S	VB12HAFF05S	VB12HAFF08S	VB12HAFF12S
Right Angle	Screw Joint Contacts	VB12ZAFF03A	VB12ZAFF04A	VB12ZAFF05A	VB12ZAFF08A	
	Soldering Contacts	VB12HAFF03A	VB12HAFF04A	VB12HAFF05A	VB12HAFF08A	
Gender		Female				
Poles		3	4	5	8	12
Face View						
Straight	Screw Joint Contacts	VB12WAFF03S	VB12WAFF04S	VB12WAFF05S	VB12WAFF08S	
	Soldering Contacts	VB12SAFF03S	VB12SAFF04S	VB12SAFF05S	VB12SAFF08S	VB12SAFF12S
Right Angle	Screw Joint Contacts	VB12WAFF03A	VB12WAFF04A	VB12WAFF05A	VB12WAFF08A	
	Soldering Contacts	VB12SAFF03A	VB12SAFF04A	VB12SAFF05A	VB12SAFF08A	
Shielded		Non-Shielded				
Coding		A-Coded				
Assembly Style		Field assembly				
Connector Insert		PA+GF				
Mold Material		PVC				
Connector Contacts		Brass with gold plated				
Coupling Nut/Screw		Brass with nickel plated				
Sealing		Viton				
Waterproof Rating		IP67 / IP68				
Protection Degree		1m water 30 minutes				
Standard		IEC 61076-2-104				
Rated Voltage		60VAC / 70VDC				
Insulation Resistance		>500MQ,500VDC				
Rated Current		4A,2A				
Contact Resistance		<5mΩ				
Ambient Temperature		-45°C~-+105°C				
Cable Jacket		/				
Cable Length		/				
Wire Gage		PG7/PG9				
Wire Size		/				
Test Voltage		>1KV eff./60s				
Breakdown Voltage		Normal temperature, >2.5KV; Water, 1KV				
Durability		3K plug/unplug cycles				
Remarks		Contact us if special specifications.				



**Features**

- M12 Field Assembly
- Fix Screw Locking
- Male, Female
- Straight, Right Angle
- Non-Shielded
- Screw Joint Contacts Terminal
- Soldering Contacts Terminal
- IP67 Protection, IP68 Protection
- B-Coded

(Unit: mm)

Connector Series		M12				
Locking Type		Fix Screw				
Gender		Male				
Poles		3	4	5		
Face View						
Straight	Screw Joint Contacts	VB12ZBFF03S	VB12ZBFF04S	VB12ZBFF05S		
	Soldering Contacts	VB12HBFF03S	VB12HBFF04S	VB12HBFF05S		
Right Angle	Screw Joint Contacts	VB12ZBFF03A	VB12ZBFF04A	VB12ZBFF05A		
	Soldering Contacts	VB12HBFF03A	VB12HBFF04A	VB12HBFF05A		
Gender		Female				
Poles		3	4	5		
Face View						
Straight	Screw Joint Contacts	VB12WBFF03S	VB12WBFF04S	VB12WBFF05S		
	Soldering Contacts	VB12SBFF03S	VB12SBFF04S	VB12SBFF05S		
Right Angle	Screw Joint Contacts	VB12WBFF03A	VB12WBFF04A	VB12WBFF05A		
	Soldering Contacts	VB12SBFF03A	VB12SBFF04A	VB12SBFF05A		
Shielded		Non-Shielded				
Coding		B-Coded				
Assembly Style		Field assembly				
Connector Insert		PA+GF				
Mold Material		PVC				
Connector Contacts		Brass with gold plated				
Coupling Nut/Screw		Brass with nickel plated				
Sealing		Viton				
Waterproof Rating		IP67 / IP68				
Protection Degree		1m water 30 minutes				
Standard		IEC 61076-2-104				
Rated Voltage		60VAC / 70VDC				
Insulation Resistance		>500MΩ, 500VDC				
Rated Current		4A, 2A				
Contact Resistance		<5mΩ				
Ambient Temperature		-45°C~+105°C				
Cable Jacket		/				
Cable Length		/				
Wire Gage		PG7/PG9				
Wire Size		/				
Test Voltage		>1KV eff./60s				
Breakdown Voltage		Normal temperature, >2.5KV; Water, 1KV				
Durability		3K plug/unplug cycles				
Remarks		Contact us if special specifications.				



**Features**

- M12 Field Assembly
- Fix Screw Locking
- Male, Female
- Straight, Right Angle
- Non-Shielded
- Screw Joint Contacts Terminal
- Soldering Contacts Terminal
- IP67 Protection, IP68 Protection
- C-Coded

(Unit: mm)

Connector Series		M12			
Locking Type		Fix Screw			
Gender		Male			
Poles		3	4	5	6
Face View					
Straight	Screw Joint Contacts	VB12ZCFF03S	VB12ZCFF04S	VB12ZCFF05S	VB12ZCFF06S
	Soldering Contacts	VB12HCFF03S	VB12HCFF04S	VB12HCFF05S	VB12HCFF06S
Right Angle	Screw Joint Contacts	VB12ZCFF03A	VB12ZCFF04A	VB12ZCFF05A	VB12ZCFF06A
	Soldering Contacts	VB12HCFF03A	VB12HCFF04A	VB12HCFF05A	VB12HCFF06A
Gender		Female			
Poles		3	4	5	6
Face View					
Straight	Screw Joint Contacts	VB12WCFF03S	VB12WCFF04S	VB12WCFF05S	VB12WCFF06S
	Soldering Contacts	VB12SCFF03S	VB12SCFF04S	VB12SCFF05S	VB12SCFF06S
Right Angle	Screw Joint Contacts	VB12WCFF03A	VB12WCFF04A	VB12WCFF05A	VB12WCFF06A
	Soldering Contacts	VB12SCFF03A	VB12SCFF04A	VB12SCFF05A	VB12SCFF06A
Shielded		Non-Shielded			
Coding		C-Coded			
Assembly Style		Field assembly			
Connector Insert		PA+GF			
Mold Material		PVC			
Connector Contacts		Brass with gold plated			
Coupling Nut/Screw		Brass with nickel plated			
Sealing		Viton			
Waterproof Rating		IP67 / IP68			
Protection Degree		1m water 30 minutes			
Standard		IEC 61076-2-104			
Rated Voltage		60VAC / 70VDC			
Insulation Resistance		>500MQ,500VDC			
Rated Current		4A,2A			
Contact Resistance		<5mΩ			
Ambient Temperature		-45°C~+105°C			
Cable Jacket		/			
Cable Length		/			
Wire Gage		PG7/PG9			
Wire Size		/			
Test Voltage		>1KV eff./60s			
Breakdown Voltage		Normal temperature, >2.5KV; Water, 1KV			
Durability		3K plug/unplug cycles			
Remarks		Contact us if special specifications.			



**Features**

- M12 Field Assembly
- Fix Screw Locking
- Male, Female
- Straight, Right Angle
- Shielded
- Screw Joint Contacts Terminal
- IP67 Protection, IP68 Protection
- A-Coded

(Unit: mm)

Connector Series		M12			
Locking Type		Fix Screw			
Gender		Male			
Poles		3	4	5	8
Face View					
Straight	Screw Joint Contacts	VB12MAFF03S	VB12MAFF04S	VB12MAFF05S	VB12MAFF08S
	Soldering Contacts				
Right Angle	Screw Joint Contacts		VB12MAFF04S	VB12MAFF05A	VB12MAFF08A
	Soldering Contacts				
Gender		Female			
Poles		3	4	5	8
Face View					
Straight	Screw Joint Contacts	VB12FAFF03S	VB12FAFF04S	VB12FAFF05S	VB12FAFF08S
	Soldering Contacts				
Right Angle	Screw Joint Contacts		VB12FAFF04A	VB12FAFF05A	VB12FAFF08A
	Soldering Contacts				
Shielded		Shielded			
Coding		A-Coded			
Assembly Style		Field assembly			
Connector Insert		PA+GF			
Mold Material		Nickel plated CuZu			
Connector Contacts		Brass with gold plated			
Coupling Nut/Screw		Brass with nickel plated			
Sealing		Viton			
Waterproof Rating		IP67 / IP68			
Protection Degree		1m water 30 minutes			
Standard		IEC 61076-2-104			
Rated Voltage		60VAC / 70VDC			
Insulation Resistance		>500MΩ, 500VDC			
Rated Current		4A, 2A			
Contact Resistance		<5mΩ			
Ambient Temperature		-45°C~+105°C			
Cable Jacket		/			
Cable Length		/			
Wire Gage		PG7/PG9			
Wire Size		/			
Test Voltage		>1KV eff./60s			
Breakdown Voltage		Normal temperature, >2.5KV; Water, 1KV			
Durability		3K plug/unplug cycles			
Remarks		Contact us if special specifications.			



**Features**

- M12 Field Assembly
- Fix Screw Locking
- Male, Female
- Straight
- Shielded
- Screw Joint Contacts Terminal
- IP67 Protection, IP68 Protection
- B-Coded

(Unit: mm)



Connector Series		M12				
Locking Type		Fix Screw				
Gender		Male				
Poles		3	4	5		
Face View						
Straight	Screw Joint Contacts	VB12MBFF03S	VB12MBFF04S	VB12MBFF05S		
	Soldering Contacts					
Right Angle	Screw Joint Contacts					
	Soldering Contacts					
Gender		Female				
Poles		3	4	5		
Face View						
Straight	Screw Joint Contacts	VB12FBFF03S	VB12FBFF04S	VB12FBFF05S		
	Soldering Contacts					
Right Angle	Screw Joint Contacts					
	Soldering Contacts					
Shielded		Shielded				
Coding		B-Coded				
Assembly Style		Field assembly				
Connector Insert		PA+GF				
Mold Material		Nickel plated CuZu				
Connector Contacts		Brass with gold plated				
Coupling Nut/Screw		Brass with nickel plated				
Sealing		Viton				
Waterproof Rating		IP67 / IP68				
Protection Degree		1m water 30 minutes				
Standard		IEC 61076-2-104				
Rated Voltage		60VAC / 70VDC				
Insulation Resistance		>500MΩ, 500VDC				
Rated Current		4A, 2A				
Contact Resistance		<5mΩ				
Ambient Temperature		-45°C ~ +105°C				
Cable Jacket		/				
Cable Length		/				
Wire Gage		PG7/PG9				
Wire Size		/				
Test Voltage		>1KV eff./60s				
Breakdown Voltage		Normal temperature, >2.5KV; Water, 1KV				
Durability		3K plug/unplug cycles				
Remarks		Contact us if special specifications.				