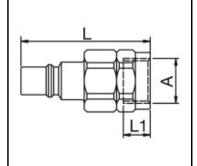
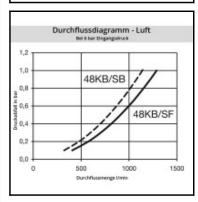
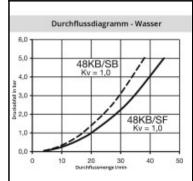
Datasheet of 48SBIW17FEX Plug with female thread











Steckerprofil

Description

Plug double shut-off, female thread G 3/8, nominal diameter 7, <8 bar, PVDF, seal EPDM

Coupling series made of POM and PVDF has been developed for use in the medical, chemical, food handling, pharmaceutical and laboratory technology industries. The system is also available in a solid plastic design (RectuChem+). Here the metal springs are replaced by springs made of PEEK, an extremely resistant synthetic material.

Details

Bore in mm: 7 3ore area in mm?: 38 Coupling system with single-hand operation. The color coding of the coupling and plug offers a guarantee for a voiding mix-ups between media when coupling. The coupling is also available with no valve for a straighthrough system. Working pressure: PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of PEEK), maximum stati working pressure with safety factor 4 to 1. Working temperature: -20°C up to +120°C depending on the medium. Shut-Off: Plug Double Shut-Off Connection description: Female thread 3/8" Connection description: Female thread Said description: Ethylene-propylene-diene rubber Surface: blank finish Vaterial valve: PVDF Self-venting coupling: No Safety locking system: No Safety locking system: <th>Series:</th> <th>48</th>	Series:	48
Bore in mm: 7 3ore area in mm?: 38 Coupling system with single-hand operation. The color coding of the coupling and plug offers a guarantee for a voiding mix-ups between media when coupling. The coupling is also available with no valve for a straighthrough system. Working pressure: PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of PEEK), maximum stati working pressure with safety factor 4 to 1. Working temperature: -20°C up to +120°C depending on the medium. Shut-Off: Plug Double Shut-Off Connection description: Female thread 3/8" Connection description: Female thread Said description: Ethylene-propylene-diene rubber Surface: blank finish Vaterial valve: PVDF Self-venting coupling: No Safety locking system: No Safety locking system: <td>Series long:</td> <td>48SB</td>	Series long:	48SB
Coupling system with single-hand operation. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straightthrough system. PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of PEEK), maximum stati working pressure: Working temperature: -20°C up to +120°C depending on the medium. Shut-Off. Plug Double Shut-Off Connection: Female thread 3/8" Connection description: Female pipe thread of Whitworth form ISO 228 3/8" Connection type: Female pipe thread of Whitworth form ISO 228 3/8" Connection type: Female pipe thread of Whitworth form ISO 228 3/8" Connection type: Female pipe thread of Whitworth form ISO 228 3/8" Vaterial description: PVDF Statiness steel AISI 316Ti PVDF Vaterial spring snap ring: Stainless steel AISI 316Ti Neight in kg: 0.014 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Vater-resistant: Yes Vater-resistant: Yes Vater-resistant: Yes Vater-resistant:	Bore in mm:	7
Advantages: coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straighthrough system. PB = 8 bar (PVDF with springs made of Steel) PB = 8 bar (PVDF with springs made of PEEK), maximum stati working pressure with safety factor 4 to 1. Working temperature: -20°C up to +120°C depending on the medium. Shut-Off: Plug Double Shut-Off Connection description: Female thread 3/8" Connection description: Female pipe thread of Whitworth form ISO 228 3/8" Connection description: Female pipe thread of Whitworth form ISO 228 3/8" Connection description: Female pipe thread of Whitworth form ISO 228 3/8" Connection description: Female pipe thread of Whitworth form ISO 228 3/8" Connection type: Female pipe thread of Whitworth form ISO 228 3/8" Connection description: PVDF Starial description: PVDF Starial description: Stainless steel AISI 316Ti Vaterial spring snap ring: Stainless steel AISI 316Ti Veight in kg: 0,014 Safety locking system: No Safety locking system: No Safety locking system: No Safety locking system: No	Bore area in mm ² :	38
Working pressure: bar (PVDF with springs made of PEEK), maximum stati working pressure with safety factor 4 to 1. Vorking temperature: -20°C up to +120°C depending on the medium. Shut-Off: Plug Double Shut-Off Connection: Female thread 3/8" Connection description: Female thread 3/8" Connection type: Female thread Material PVDF Material description: PVDF Stufface: blank finish Vaterial valve: PVDF, white Material spring snap ring: Stainless steel AISI 316Ti Neight in kg: 0,014 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Pin lock: No Vature-seistant: Yes Plat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pin lock: No Pin lock: No Pin lock: No Pressure eliminator: No	Advantages:	coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straightthrough system.
Shut-Off: Plug Double Shut-Off Connection: Female thread 3/8" Connection description: Female pipe thread of Whitworth form ISO 228 3/8" Connection type: Female thread Material: PVDF Material description: PVDF Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material valve: PVDF, white Waterial spring snap ring: Stainless steel AISI 316Ti Weight in kg: 0,014 Self-venting coupling: No Single-hand operation: Yes Fwo-hand operation: Yes Vacuum suitable: Yes Vater-resistant: Yes Vater-resistant: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: Yes Standard product: No	Working pressure:	bar (PVDF with springs made of PEEK), maximum static
Connection:Female thread 3/8"Connection description:Female pipe thread of Whitworth form ISO 228 3/8"Connection type:Female threadWaterial:PVDFMaterial description:PVDFSeal description:Ethylene-propylene-diene rubberSurface:blank finishWaterial spring snap ring:Stainless steel AISI 316TiWeight in kg:0.014Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoJItra-FLO-valve:NoVacuum suitable:YesNater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:YesStandard product:No	Working temperature:	-20°C up to +120°C depending on the medium.
Connection description:Female pipe thread of Whitworth form ISO 228 3/8"Connection type:Female threadWaterial:PVDFMaterial description:PVDFSeal description:Ethylene-propylene-diene rubberSurface:blank finishWaterial valve:PVDF, whiteMaterial spring snap ring:Stainless steel AISI 316TiWeight in kg:0,014Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoJultra-FLO-valve:NoVacuum suitable:YesVater-resistant:YesTat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No	Shut-Off:	Plug Double Shut-Off
Connection type:Female threadMaterial:PVDFMaterial description:PVDFSeal description:Ethylene-propylene-diene rubberSurface:blank finishMaterial valve:PVDF, whiteMaterial spring snap ring:Stainless steel AISI 316TiNeight in kg:0,014Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesFwo-hand operation:NoPin lock:NoJItra-FLO-valve:NoVacuum suitable:YesNater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No-type resultNoPressure eliminator:No-type resultNo-type resultNo-type resultator:No-type resultator:No <td< td=""><td>Connection:</td><td>Female thread 3/8"</td></td<>	Connection:	Female thread 3/8"
Material: PVDF Material description: PVDF Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material valve: PVDF, white Material spring snap ring: Stainless steel AISI 316Ti Neight in kg: 0,014 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Fwo-hand operation: No Sall locking: No Pin lock: No JItra-FLO-valve: No Vacuum suitable: Yes Suitable breath / respiratory protection: No Pressure eliminator: No -typesure eliminator: No	Connection description:	Female pipe thread of Whitworth form ISO 228 3/8"
NaturalPVDFSeal description:Ethylene-propylene-diene rubberSurface:blank finishMaterial valve:PVDF, whiteMaterial spring snap ring:Stainless steel AISI 316TiWeight in kg:0,014Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesFwo-hand operation:NoSall locking:NoPin lock:NoJultra-FLO-valve:NoVater-resistant:YesSutable breath / respiratory protection:NoSutable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No	Connection type:	Female thread
Seal description:Ethylene-propylene-diene rubberSeal description:blank finishMaterial valve:PVDF, whiteMaterial spring snap ring:Stainless steel AISI 316TiWeight in kg:0,014Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesFwo-hand operation:NoSall locking:NoPin lock:NoJultra-FLO-valve:NoVater-resistant:YesPlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No	Material:	PVDF
Surface: blank finish Material valve: PVDF, white Material spring snap ring: Stainless steel AISI 316Ti Weight in kg: 0,014 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Sall locking: No Pin lock: No Jultra-FLO-valve: No Vater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No -tydraulics: No Presume eliminator: No -tydraulics: Yes Standard product: No	Material description:	PVDF
Material valve: PVDF, white Material spring snap ring: Stainless steel AISI 316Ti Weight in kg: 0,014 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Sall locking: No Pin lock: No Jultra-FLO-valve: No Vacuum suitable: Yes Vater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: Yes Presure eliminator: No Standard product: No	Seal description:	Ethylene-propylene-diene rubber
Material spring snap ring: Stainless steel AISI 316Ti Weight in kg: 0,014 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Pin lock: No Pin lock: No Vacuum suitable: Yes Vater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Presume eliminator: No Statadard product: No	Surface:	blank finish
Weight in kg:0,014Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoPin lock:NoJutra-FLO-valve:NoVacuum suitable:YesVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No-lydraulics:NoPresure stant:YesStandard product:No	Material valve:	PVDF, white
Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Sall locking: No Pin lock: No Pin lock: No JItra-FLO-valve: No Vacuum suitable: Yes Vacuum suitable: Yes Pat-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Presure stand: Yes Standard product: No	Material spring snap ring:	Stainless steel AISI 316Ti
Safety locking system: No Single-hand operation: Yes Fwo-hand operation: No Sall locking: No Pin lock: No Pin lock: No Jltra-FLO-valve: No /acuum suitable: Yes Nater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Weight in kg:	0,014
Single-hand operation: Yes Fwo-hand operation: No Ball locking: No Pin lock: No Jltra-FLO-valve: No /acuum suitable: Yes Nater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Self-venting coupling:	No
Two-hand operation: No Ball locking: No Pin lock: No Jltra-FLO-valve: No /acuum suitable: Yes Nater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: Yes Standard product: No	Safety locking system:	No
Ball locking: No Pin lock: No Jltra-FLO-valve: No /acuum suitable: Yes /acuum suitable: Yes Nater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Single-hand operation:	Yes
Pin lock: No Jltra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Two-hand operation:	No
JItra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ball locking:	No
Vacuum suitable: Yes Vater-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Water-resistant:	Yes
Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	No
Preumatics: Yes Standard product: No	Pressure eliminator:	No
Standard product: No	Hydraulics:	No
	Pneumatics:	Yes
Nould coupling: No	Standard product:	No
	Mould coupling:	No

Dimensions

Connection A:	G 3/8
L mm:	48
L1 mm:	10
SW mm:	21