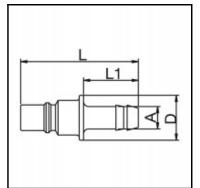
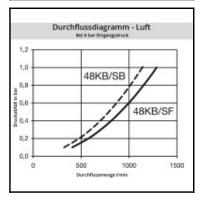
# Datasheet of 48SFTF09DPXB Plug color coded

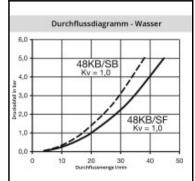




# Kein Foto vorhanden









## Description

Plug straight-through, color coded (B = blue), hose barb 9mm (3/8), nominal diameter 7, <10 bar, POM (Delrin), seal NBR

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 <sup>2</sup> :       7         Bore area in mm <sup>2</sup> :       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 straightthrough system.         Working pressure:       PB = 10 bar (at 20°C) maximum static working pressure with safety factor 4 to 1.         Working temperature:       -20°C up to +80°C depending on the medium.         Shut-Off:       Plug Straight-Through         Connection description:       Hose barb 9mm LW(3/8")         Connection type:       Hose barb 9mm LW(3/8")         Coding:       POM (Delrin)         Staface:       blank finish         Coding:       B = blue         Material seal:       Perbunan®         Weight in kg:       0,0111         Coded:       Yes         Stafety locking system:       No         Single-hand operation:       No	Series:	48
Bore area in mm*:       38         Bore area in mm*:       38         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 straighthrough system.         Working pressure:       PB = 10 bar (at 20°C) maximum static working pressure with safety factor 4 to 1.         Working temperature:       -20°C up to +80°C depending on the medium.         Shut-Off:       Plug Straight-Through         Connection:       Hose barb 9mm LW(3/8")         Connection description:       Hose barb 9mm LW(3/8")         Connection type:       Hose barb 9mm LW(3/8")         Material:       POM (Delrin)         Material:       POM (Delrin)         Material description:       Nitrite-butadiene rubber         Surface:       blank finish         Coding:       B = blue         Material seal:       Perbunan®         Weight in kg:       0,0111         Coded:       Yes         Safety locking system:       No         Safety locking system:       No         Safety locking system:       No         Ball locking:       No         Pin lock:       No         Uita+Lo-valve:       No	Series long:	48SF
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.           Working pressure:         PB = 10 bar (at 20°C) maximum static working pressure with safety factor 4 to 1.           Working temperature:         -20°C up to +80°C depending on the medium.           Shut-Off:         Plug Straight-Through Connection idescription:           Connection description:         Hose barb 9mm LW(38")           Connection description:         Hose barb 9mm LW(38")           Connection description:         POM (Delrin)           Material         POM (Delrin)           Safate:         blank finish           Coding:         B = blue           Material seal:         Perbunan®           Weight in kg:         0,01111           Coded:         Yes           Safaty locking system:         No           Safaty locking system:         No           Ball locking:         No           Safaty locking system:         No           Safaty locking system:         No           Safety locking system:         No           Safety locking system:         No           Safety locking system:         No           Safety locking system:	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 straightthrough system.Working pressure:PB = 10 bar (at 20°C) maximum static working pressure with safety factor 1 to 1.Working temperature:-20°C up to +80°C depending on the medium.Shut-Off:Plug Straight-ThroughConnectionHose barb 9mm LW(3/8")Connection description:Hose barb 9mm LW(3/8")Connection type:Hose barb 9mm LW(3/8")Material:POM (Delrin)Material description:POM (Delrin)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesWeight in kg:NoUitra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesStafety locking:NoSuitable breath / respiratory protection:NoNoSuitable:YesSuitable breath / respiratory protection:NoPressureNoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:No <td>Bore area in mm²:</td> <td>38</td>	Bore area in mm²:	38
working pressure:with safety factor 4 to 1.Working temperature:-20°C up to +80°C depending on the medium.Shut-Off:Plug Straight-ThroughConnection:Hose barb 9mm LW(3/8")Connection description:Hose barb 9mm LW(3/8")Connection type:Hose barb 9mm LW(3/8")Material:POM (Delrin)Material description:POM (Delrin)Seal description:Nitrite-butadiene rubberSurface:blank finishCoded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesSull locking:NoBall locking:NoPin lock:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPresure eliminator:No <tr <td="">&lt;</tr>	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
Shut-Off:       Plug Straight-Through         Connection:       Hose barb 9mm LW(3/8")         Connection description:       Hose barb 9mm LW(3/8")         Connection type:       Hose barb         Material:       POM (Delrin)         Material description:       POM (Delrin)         Seal description:       Nitrite-butadiene rubber         Surface:       blank finish         Coding:       B = blue         Material seal:       Perbunan®         Weight in kg:       0,0111         Coded:       Yes         Self-venting coupling:       No         Safety locking system:       No         Single-hand operation:       Yes         Two-hand operation:       Yes         Pin lock:       No         Vacuum suitable:       Yes         Water-resistant:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No         Pressure eliminator:       No         Pressure eliminator:       No         Pressure eliminator:       No         Pressure eliminator:       No         Presure eliminator:       No         Presure eliminator:       No	Working pressure:	PB = 10 bar (at 20°C) maximum static working pressure with safety factor 4 to 1.
Connection:Hose barb 9mm LW(3/8")Connection description:Hose barb 9mm LW(3/8")Connection type:Hose barb 9mm LW(3/8")Connection type:Hose barbMaterial:POM (Delrin)Material description:POM (Delrin)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoVacuum suitable:YesWater-resistant:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure el	Working temperature:	-20°C up to +80°C depending on the medium.
Connection description:Hose barb 9mm LW(3/8")Connection type:Hose barbMaterial:POM (Delrin)Material description:POM (Delrin)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:	Shut-Off:	Plug Straight-Through
Connection type:Hose barbMaterial:POM (Delrin)Material description:POM (Delrin)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPneumatics:YesStandard product:No	Connection:	Hose barb 9mm LW(3/8")
Material:POM (Delrin)Material description:POM (Delrin)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPheumatics:YesStandard product:No	Connection description:	Hose barb 9mm LW(3/8")
Material description:       POM (Delrin)         Seal description:       Nitrite-butadiene rubber         Surface:       blank finish         Coding:       B = blue         Material seal:       Perbunan®         Weight in kg:       0,0111         Coded:       Yes         Self-venting coupling:       No         Safety locking system:       No         Single-hand operation:       Yes         Two-hand operation:       Yes         Two-hand operation:       No         Ball locking:       No         Pin lock:       No         Vacuum suitable:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No         Pressure eliminator:       No         Pressure eliminator:       No         Pressure eliminator:       No         Pheumatics:       Yes         Standard product:       No	Connection type:	Hose barb
Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPhydraulics:NoPneumatics:YesStandard product:No	Material:	POM (Delrin)
Surface:blank finishCoding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPhydraulics:NoPneumatics:YesStandard product:No	Material description:	POM (Delrin)
Coding:B = blueMaterial seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Seal description:	Nitrite-butadiene rubber
Material seal:Perbunan®Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Surface:	blank finish
Weight in kg:0,0111Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Coding:	B = blue
Coded:YesCoded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material seal:	Perbunan®
Self-venting coupling:       No         Safety locking system:       No         Single-hand operation:       Yes         Two-hand operation:       No         Ball locking:       No         Pin lock:       No         Ultra-FLO-valve:       No         Vacuum suitable:       Yes         Water-resistant:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No         Pressure eliminator:       No         Hydraulics:       Yes         Standard product:       No	Weight in kg:	0,0111
Safety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Coded:	Yes
Single-hand operation:       Yes         Two-hand operation:       No         Ball locking:       No         Pin lock:       No         Ultra-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	Self-venting coupling:	No
Two-hand operation:NoBall locking:NoPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Safety locking system:	No
Ball locking:     No       Pin lock:     No       Ultra-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	Single-hand operation:	Yes
Pin lock:     No       Ultra-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
No       Vacuum suitable:       Vacuum suitable:       Yes       Water-resistant:       Yes       Flat-sealing:       No       Suitable breath / respiratory protection:       No       Pressure eliminator:       No       Hydraulics:       Pneumatics:       Yes       Standard product:	Ball locking:	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	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
Pneumatics: Yes Standard product: No	Pressure eliminator:	No
Standard product: No	Hydraulics:	No
	Pneumatics:	Yes
Mould coupling: No	Standard product:	No
	Mould coupling:	No

#### Dimensions

Connection A:	9 mm
D mm:	18
L mm:	47
L1 mm:	22