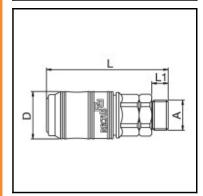
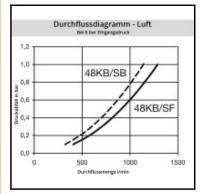
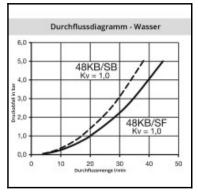


Datasheet of 48KBAW13DPXB Quick coupling with male thread D U S T R I E











Description

Quick coupling double shut-off, color coded (B = blue), male thread G 1/4, 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: 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 to valve for a straighthrough system. Working pressure: Working pressure: Working temperature: -20°C up to +80°C depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 1/4" Connection description: Male thread 1/4" Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread in the medium. Material description: POM (Delrin) Material description: Working between the medium. Material connection: POM (Delrin) Material connection: POM, Dlack Material valve body: Material seleve: POM, black Material spring snap ring: No Single-hand operation: No Single-hand operation: No Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Pressure eliminato: No Presume eliminato: No Presume eliminato: No Presume eliminato: No	Series:	48
Bore area in mm²: Bore area in mm²: 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: Working pressure: Working temperature: PB = 10 bar (at 20°C) (maximum static working pressure with safety factor 4 to 1. Gornection: Connection: Connection description: Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection description: Male stread 1/4" Connection description: POM (Delrin) Material description: POM (Delrin) Seal description: Nitrite-butadiene rubber blank finish Coding: Material connection: POM, black Material sleeve: POM, black Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seal: Perbunan® Weight in kg: Coded: Yes Self-venting coupling: No Single-hand operation: No Single-hand operation: No Pin lock: No Ves Pressure eliminator: No Presure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: N	Series long:	48KB
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: Working pressure: Working temperature: PB = 10 bar (at 20°C) maximum static working pressure with safety factor 4 to 1. -20°C up to +80°C depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 1/4° Connection description: Male thread of Whitworth form ISO 228 1/4° Connection type: Male thread of Whitworth form ISO 228 1/4° Connection description: Male thread of Whitworth form ISO 228 1/4° Connection description: Male thread of Whitworth form ISO 228 1/4° Connection description: POM (Delrin) Material description: Nitrite-butadiene rubber Surface: blank finish B = blue Material connection: POM, black Material valve body: Material seleve: POM, black Material spring snap ring: Stainless steel AISI 316Ti Material spring snap ring: Stainless steel AISI 316Ti Material balls/pins: PoM, black Material seal: Perbunan® Weight in kg: O,0281 Coded: Yes Self-venting coupling: No Safety locking system: No Safety locking system: No Single-hand operation: No Pin lock: No Ves Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No	Bore in mm:	7
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 straightfurough system. Working pressure: Working temperature: 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: Quick coupling Double Shut-Off Connection: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread Material: POM (Delrin) Material description: Seal description: Nitrite-butadiene rubber Surface: Dollar (Nitrite-butadiene rubber) Surface: Dollar (Nitrite-butadiene rubber) Material valve body: Material valve body: Material valve body: Material valve body: Material seleve: POM, black Material seleve: No Seleft-venting coupling: No Seleve: No Seleve: No No Seleve:	Bore area in mm²:	38
with safety factor 4 to 1. Working temperature: -20°C up to +80°C depending on the medium. Quick coupling Double Shut-Off Connection: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Material: POM (Delrin) Material description: Nitrite-butadiene rubber blank finish Seal description: POM, black Material connection: POM, black Material valve body: Material sleeve: POM, black Material syring snap ring: Material spings ana pring: Material spings: POM, black Material spings: POM, black Material spings: POM, black Material spings steel AISI 316TI Material seal: Perbunan® Weight in kg: Qu281 Coded: Yes Self-venting coupling: No Single-hand operation: No Single-hand operation: No Intire-Polyeic No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Presure eliminator: No P	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: Connection: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread Material: POM (Delrin) Material description: POM (Delrin) Material description: Nitrite-butadiene rubber Surface: blank finish B = blue Material connection: POM, black Material valve body: POM, black Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: Stainless steel AISI 316Ti Material balls/pins: POM, black Material seal: Perbunan® Weight in kg: O.0281 Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Vacuum suitable: Yes Waterial sealing: No Vacuum suitable: Yes Waterial sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: Yes	Working pressure:	
Connection: Connection description: Connection type: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Material: POM (Delrin) Material description: Nitrite-butadiene rubber Surface: Diank finish Seal description: Surface: Diank finish Seal description: Surface: Diank finish B = blue Material connection: POM, black Material valve body: POM, black Material valve body: POM, black Material sleeve: POM, black Material spring snap ring: Stainless steel AISI 316Ti Material balls/pins: POM, black Material seal: Perbunan® Weight in kg: O.0281 Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: No Pin lock: No Vacuum suitable: Yes Water-esistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Pre	Working temperature:	-20°C up to +80°C depending on the medium.
Connection description: Connection type: Male thread Material: POM (Delrin) Material description: Seal description: Nitrite-butadiene rubber Surface: blank finish Coding: Material connection: POM, black Material valve body: Material valve: Material spring snap ring: Material spalls/pins: PoM, black Material spring: Stainless steel AISI 316Ti Material seal: Perbunan® Weight in kg: Coded: Self-venting coupling: Safety locking system: No Sainlesh and operation: No Ball locking: No Ves Vacuum suitable: Yes Water-esistant: Pessure eliminator: No Pressure eliminator: No Pressure eliminator: No Peneumatics: No No Peneumatics: No Peneumatics: No No Pressure eliminator: No Pressure eliminator: No Peneumatics: Yes Peneumatics: Yes No No No Pressure eliminator: No Presure eliminator: Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: Presure	Shut-Off:	Quick coupling Double Shut-Off
Connection type: Material: POM (Delrin) Material description: POM (Delrin) Seal description: Nitrite-butadiene rubber Surface: Surface: Surface: Surface: Dank finish Coding: Material connection: POM, black Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: Material spring snap ring: Material spring shap ring: Material balls/pins: PoM, black Material balls/pins: PoM, black Material balls/pins: PoM, black Material balls/pins: PoM, black Material seal: Perbunan® Weight in kg: O,0281 Coded: Yes 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: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: Yes	Connection:	Male thread 1/4"
Material: Material description: POM (Delrin) Material description: Nitrite-butadiene rubber Surface: blank finish Coding: B = blue Material connection: Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balls/pins: POM, black Material seal: Perbunan® Weight in kg: Coded: Yes Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presurations No Presure eliminator: No Presure eli	Connection description:	Male pipe thread of Whitworth form ISO 228 1/4"
Material description: Seal description: Nitrite-butadiene rubber Surface: Diank finish B = blue Material connection: Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: Material balls/pins: POM, black Material seal: Weight in kg: Coded: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Ultra-FLO-valve: Vacuum suitable: Ves Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: PoM, Dlack No No No Presure eliminator: No	Connection type:	Male thread
Seal description: Surface: Surface: Diank finish B = blue Material connection: Material valve body: Material seeve: POM, black Material serve: POM, black Material serve: POM, black Material serve: POM, black Material serve: POM, black Material sepring snap ring: Stainless steel AISI 316Ti Material seal: Perbunan® Weight in kg: Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Viacuum suitable: Wees Water-resistant: Yes Water-resistant: No No No No No No Pressure eliminator: No No No Pressure eliminator: No No Pressure eliminator: No No Pressure eliminator: No No Presuresistant: Yes	Material:	POM (Delrin)
Surface: blank finish Coding: B = blue Material connection: POM, black Material valve body: POM, black Material sleeve: POM, black Material valve: POM, black Material spring snap ring: Stainless steel AISI 316Ti Material balls/pins: POM, black Material balls/pins: POM, black Material seal: Perbunan® Weight in kg: 0.0281 Coded: Yes 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: No	Material description:	POM (Delrin)
Coding: Material connection: Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material sleeve: POM, black Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: POM, black Material seal: Perbunan® Weight in kg: Coded: Yes Self-venting coupling: No Safety locking system: Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: No Pin lock: Ultra-FLO-valve: Ves Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Pom, black POM, black POM, black POM, black Pom, black No No Stainless steel AISI 316Ti POM, black Pom, black No No Suitable frespiratory protection: No No Pressure eliminator: No Pneumatics: Yes	Seal description:	Nitrite-butadiene rubber
Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Meterial seal: Mo Safety locking system: No No No Safety locking system: No No Wes Two-hand operation: No No Ultra-FLO-valve: No Wes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Surface:	blank finish
Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Meterial seal: Mo Safety locking system: No No No Safety locking system: No No Wes Two-hand operation: No No Ultra-FLO-valve: No Wes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Coding:	B = blue
Material sleeve: Material valve: Material spring snap ring: Material balls/pins: Material balls/pins: POM, black Material balls/pins: POM, black Material balls/pins: POM, black Material balls/pins: Perbunan® Weight in kg: 0,0281 Coded: Yes 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: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes POM, black POM, black POM, black POM, black POM, black POM, black No No No No Settinless steel AISI 316Ti No No No Possure eliminator: No Pressure eliminator: No Pneumatics: Yes	Material connection:	POM, black
Material valve: Material spring snap ring: Material balls/pins: Material balls/pins: POM, black Material seal: Perbunan® Weight in kg: Coded: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pheumatics: POM, black Stainless steel AISI 316Ti No O,0281 PoM, black No No No No No No No No No N	Material valve body:	POM, black
Material spring snap ring: Material balls/pins: Material seal: Meight in kg: Coded: Self-venting coupling: Safety locking system: Single-hand operation: Two-hand operation: No Ball locking: No Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Stainless steel AISI 316Ti POM, black Perbunan® 0,0281 No No No No No No No No No N	Material sleeve:	POM, black
Material balls/pins: POM, black Material seal: Perbunan® Weight in kg: O,0281 Coded: Yes 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: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Presumanics: Yes Presumanics: No Pressure eliminator: No Pneumatics: Yes	Material valve:	POM, black
Material seal: Perbunan® Weight in kg: 0,0281 Coded: Yes 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: No Pneumatics: Yes	Material spring snap ring:	Stainless steel AISI 316Ti
Weight in kg: 0,0281 Coded: Yes 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: No Pneumatics: Yes	Material balls/pins:	POM, black
Coded: Yes 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: No Pneumatics: Yes	Material seal:	Perbunan®
Coded: Yes 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: No Pneumatics: Yes	Weight in kg:	0,0281
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: No Pneumatics: Yes	Coded:	Yes
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: No Pneumatics: Yes	Self-venting coupling:	
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	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	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	Two-hand operation:	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	Ball locking:	No
Vacuum suitable: Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Pin lock:	No
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Ultra-FLO-valve:	No
Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Vacuum suitable:	Yes
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Water-resistant:	Yes
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Flat-sealing:	No
Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes	Pressure eliminator:	No
Pneumatics: Yes	Hydraulics:	No
	Pneumatics:	Yes
	Standard product:	No
·	Mould coupling:	No

Dimensions

Connection A:	G 1/4
D mm:	26
L mm:	70,5
L1 mm:	9
SW mm:	21