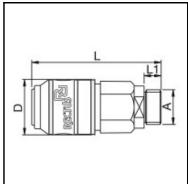
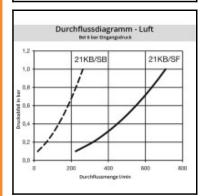
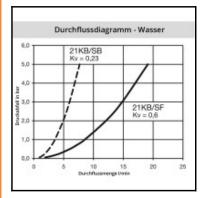


## Datasheet of 21KBAW13FVXGB Quick coupling with male thread UST











## Description

Quick coupling double shut-off, color coded (B = blue), male thread G 1/4, nominal diameter 5, <10 bar, PVDF, seal FKM

Mini industrial coupling in plastics POM and PVDF with the world's most popular profile in this nominal diameter. Above average flow performance for liquidand gaseous medio.

## Details

Series long:  Bore in mm:  5  Bore area in mm <sup>2</sup> :  Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series.  Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.	Series:	21
Bore in mm:  Bore area in mm²:  Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Two sleeve forms: tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.  Working pressure:  10 bar (POM, at 20°C), 8 bar (POP)F, at 20°C (pomaximum static working pressure with safety factor 4 to 1.  20°C up to +80°C (POM) -20°C up to +120°C (PVDF) depending on the medium.  Shut-Off:  Quick coupling Double Shut-Off Connection description:  Male thread 1/4°  Connection description:  Male pipe thread of Whitworth form ISO 228 1/4°  Material:  PVDF  Material:  PVDF  Material description:  Fluororubber  Surface:  blank finish  Coding:  Material connection:  PVDF, white  Material sleeve:  PVDF, white  Material sleeve:  PVDF, white  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material seal:  Vition®  Weight in kg:  O,0155  Coded:  Yes  Self-venting coupling:  No  Safety locking system:  No  Pressure eliminator:  No		
Bore area in mm²:  Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series.  Advantages:  Two sleeve forms: tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.  Working pressure:  Working temperature:  ### Connection:  ### Connection:  ### Connection:  ### Connection description:  ### Connection description:  ### Male thread 1/4"  ### Connection type:  ### Male thread of Whitworth form ISO 228 1/4"  ### Material description:  ### PVDF  ### Material description:  ### Fluororubber  ### Bailuan  ### Material valve body:  ### PVDF, white  ### Material valve body:  ### Material sleeve:  ### PVDF, white  ### Material spring snap ring:  ### Mater	-	
Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series.  Advantages:  Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gives. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.  Working pressure:  10 bar (POM, at 20°C), 8 bar (PVDF, at 20°C) maximum status working pressure with safety factor 4 to 1.  - 20°C up to +80°C (POM), -20°C up to +120°C (PVDF) depending on the medium.  Working temperature:  - 20°C up to +80°C (POM), -20°C up to +120°C (PVDF) depending on the medium.  Working temperature:  - 20°C up to +80°C (POM), -20°C up to +120°C (PVDF) depending on the medium.  Male thread 114°  Connection:  - Male thread of Whitworth form ISO 228 1/4°  Male thread of Whitworth form ISO 228 1/4°  Material description:  - PVDF  Material description:  - PVDF  Material description:  - PVDF  Material connection:  - PVDF, white  Material scene:  - PVDF, white  Material valve body:  - Material scene:  - PVDF, white  Material spring snap ring:  Material sleeve:  - PVDF, white  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material scene:  - PVDF, white		<sup>2</sup>
working pressure:  static working pressure with safety factor 4 to 1.  20°C up to +80°C (POM) -20°C up to +120°C (PVDF) depending on the medium.  Shut-Off:  Quick coupling Double Shut-Off  Connection:  Male thread 1/4"  Connection description:  Connection type:  Male thread of Whitworth form ISO 228 1/4"  Connection type:  Material:  PVDF  Material description:  Seal description:  Seal description:  Seal description:  Fluororubber  Surface:  blank finish  Coding:  B = blue  Material connection:  Material valve body:  Material valve body:  Material sleeve:  PVDF, white  Material sleeve:  PVDF, white  Material spring snap ring:  Stainless steel AISI 316TI  Material balls/pins:  Mytion®  Weight in kg:  Quick coupling:  No  Safety locking system:  No  Safety locking system:  No  Pin lock:  No  Pressure:  No  No  Pressure:  Ves  Standard product:  No  No  Presure:  No  No  Presure eliminator:  No  Presure eliminator:  No  Presumatics:  Yes  Standard product:  No  No  Presure eliminator:  No  Presumatics:  Yes  Standard product:  No		Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee
vooring temperature:  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:  PVDF  Material description:  Surface:  Dlank finish  Coding:  B = blue  Material connection:  PVDF, white  Material valve body:  Material valve body:  Material valve body:  Material seave:  PVDF, white  Material spring snap ring:  Material balls/pins:  PVDF, white  Material balls/pins:  PVDF, white  Material balls/pins:  PVDF, white  Material seave:  No Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  No Ultra-FLO-valve:  Vacuum suitable:  Water espiratory protection:  No Pressure eliminator:  No Pressure eliminator:  No Presumatics:  Yes Standard product:  No Pneumatics:  Yes Standard product:  No	Working pressure:	10 bar (POM, at 20°C), 8 bar (PVDF, at 20°C) maximum static working pressure with safety factor 4 to 1.
Connection:  Connection description:  Connection type:  Male pipe thread of Whitworth form ISO 228 1/4"  Male pipe thread of Whitworth form ISO 228 1/4"  Material:  PVDF  Material description:  Seal description:  Surface:  Dlank finish  Coding:  Material connection:  Material connection:  Material sleeve:  PVDF, white  Material sleeve:  PVDF, white  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Weight in kg:  Coded:  Yes  Seff-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Mo  Ultra-FLO-valve:  Vacuum suitable:  Wes  Water-resistant:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presure diminator:  No  Presumatics:  Yes  Standard product:  No  Presumatics:  Yes  Standard product:  No  Presumatics:  Yes  Standard product:  No	Working temperature:	
Connection description:         Male pipe thread of Whitworth form ISO 228 1/4"           Connection type:         Male thread           Material:         PVDF           Material description:         PVDF           Seal description:         Fluororubber           Surface:         blank finish           Coding:         B = blue           Material connection:         PVDF, white           Material valve body:         PVDF, white           Material sleeve:         PVDF, white           Material spring snap ring:         Stainless steel AISI 316Ti           Material balls/pins:         PVDF, white           Material seal:         Viton®           Weight in kg:         0,0155           Coded:         Yes           Self-venting coupling:         No           Safety locking system:         No           Single-hand operation:         Yes           Two-hand operation:         No           Ball locking:         No           Vitan-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressur	Shut-Off:	Quick coupling Double Shut-Off
Connection type: Male thread Material: PVDF Material description: PVDF Seal description: Fluororubber Surface: blank finish Coding: B = blue Material connection: PVDF, white Material valve body: PVDF, white Material sleeve: PVDF, white Material spring snap ring: Stainless steel AISI 316Ti Material balls/pins: PVDF, white Material spring snap ring: Stainless steel AISI 316Ti Material balls/pins: PVDF, white Material seal: Viton® Weight in kg: 0,0155 Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Dall locking: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Yes Standard product: No	Connection:	Male thread 1/4"
Material:  Material description:  Seal description:  Surface:  Dlank finish  Coding:  B = blue  Material connection:  Material valve body:  Material sleeve:  PVDF, white  Material sleeve:  PVDF, white  Material sleeve:  Material sleeve:  PVDF, white  Material sleeve:  Material sleeve:  Material sleeve:  Material sleeve:  PVDF, white  Material sleeve:  Molostial sleeve:  Mo	Connection description:	Male pipe thread of Whitworth form ISO 228 1/4"
Material description: PVDF  Seal description: Fluororubber  Surface: blank finish  Coding: B = blue  Material connection: PVDF, white  Material valve body: PVDF, white  Material sleeve: PVDF, white  Material spring snap ring: Stainless steel AISI 316Ti  Material balls/pins: PVDF, white  Material balls/pins: PVDF, white  Material seal: Viton®  Weight in kg: 0,0155  Coded: Yes  Self-venting coupling: No  Safety locking system: No  Single-hand operation: Yes  Two-hand operation: No  Ball locking: No  Ultra-FLO-valve: No  Vacuum suitable: Yes  Water-resistant: No  Flat-sealing: No  Pressure eliminator: No  Pressure eliminator: No  Presure eliminator: No	Connection type:	Male thread
Seal description:  Surface:  Dlank finish  Coding:  Material connection:  Material valve body:  Material spring snap ring:  Material spring spring:  Material spring snap ring:  Material spring snap ring:  Material spring spring:  Molerial spring spring:  Molerial spring spring:  Molerial spring spring:  Molerial spring spring:  No  Safety locking system:  No  Safety locking system:  No  Safety locking system:  No  Safety locking spring:  No  Safety locking:  No  Safety locking system:  No  No  No  No  No  No  No  Pressure eliminator:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No	Material:	PVDF
Surface: blank finish  Coding: B = blue  Material connection: PVDF, white  Material valve body: PVDF, white  Material sleeve: PVDF, white  Material valve: PVDF, white  Material spring snap ring: Stainless steel AISI 316Ti  Material balls/pins: PVDF, white  Material seal: Viton®  Weight in kg: 0,0155  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: No  Suitable breath / respiratory protection: No  Pressure eliminator: No  Pheumatics: Yes  Standard product: No	Material description:	PVDF
Coding:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Moterial seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  Presure eliminator:  No  Pneumatics:  Yes  Standard product:  No  Presumatics:  Yes  Standard product:  No  Popur Mite  PVDF, white  PVDF, white  Notine®  Viton®  Viton®  Viton®  No  No  Stainless steel AISI 316Ti  No  PvDF, white  Notine®  Viton®  No  No  Stainless steel AISI 316Ti  No  PvDF, white  Noton®  No  No  No  No  No  No  No  No  No  N	Seal description:	Fluororubber
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  No Suitable breath / respiratory protection:  Pressure eliminator:  No Pneumatics:  Yes Standard product:  No No Presume diminator:  No	Surface:	blank finish
Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Coded:  Yes  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Mo  Ball locking:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  Ptersure definites  PVDF, white  PVDF, white  PVDF, white  National Standard product:  No  No  No  No  Stainless steel AISI 316Ti  PVDF, white  Noile  Stainless steel AISI 316Ti  No  No  No  No  No  No  No  No  No  N	Coding:	B = blue
Material sleeve: PVDF, white  Material valve: PVDF, white  Material spring snap ring: Stainless steel AISI 316Ti  Material balls/pins: PVDF, white  Material seal: Viton®  Weight in kg: 0,0155  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: No  Flat-sealing: No  Suitable breath / respiratory protection: No  Hydraulics: No  Pneumatics: Yes  Standard product: No	Material connection:	PVDF, white
Material valve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  PVDF, white  Material seal:  Viton®  Weight in kg:  Coded:  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  Stainless steel AISI 316Ti  No  No  Viton®  Viton®  No  No  Suitable steel AISI 316Ti  No  No  No  No  No  No  No  No  No  N	Material valve body:	PVDF, white
Material spring snap ring:  Material balls/pins:  PVDF, white  Material seal:  Viton®  Weight in kg:  Coded:  Yes  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:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  Viton®  No  No  No  No  No  No  No  Safety locking system:  No  No  No  No  No  No  No  Ves  Two-hand operation:  No  No  Vocuum suitable:  Yes  Water-resistant:  No  Pressure eliminator:  No  No  No  No  No  No  No  No  No  N	Material sleeve:	PVDF, white
Material balls/pins:         PVDF, white           Material seal:         Viton®           Weight in kg:         0,0155           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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Material valve:	PVDF, white
Material seal:  Weight in kg:  O,0155  Coded:  Yes  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pheumatics:  Yes  Standard product:  No	Material spring snap ring:	Stainless steel AISI 316Ti
Weight in kg:  Coded:  Yes  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No  O,0155  No  No  No  No  No  No  No  No  No	Material balls/pins:	PVDF, white
Coded:  Self-venting coupling:  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  No Pin lock:  No Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  No Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	Material seal:	Viton®
Self-venting coupling:  Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  No Pin lock:  No Ultra-FLO-valve:  Vacuum suitable:  Ves Water-resistant:  No Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No Pneumatics:  Yes Standard product:  No	Weight in kg:	0,0155
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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Coded:	Yes
Single-hand operation:  Two-hand operation:  Ball locking:  No  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	Self-venting coupling:	No
Two-hand operation:  Ball locking:  No  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	Safety locking system:	No
Ball locking:         No           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         No           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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Two-hand operation:	No
Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Ball locking:	No
Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Pin lock:	No
Water-resistant:  No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Vacuum suitable:	Yes
Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Water-resistant:	No
Pressure eliminator:  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:	G 1/4
D mm:	21
L mm:	50
L1 mm:	7
SW mm:	17