

ACCESSORIES



Pressure transmitter

High-pressure hose 1000 bar



KHUH1000...

Specification:

- ⇒ Maximum working pressure 1000 bar
- ⇒ Test pressure 1400 bar
- ⇒ Min. burst Pressure 2800 bar
- ⇒ Connector thread G 1/4" female with 24°/60° DK
- ⇒ Inside Ø 6,3 mm (1/4")
- ⇒ Outside Ø 13,3 mm (17/32")

Article - nummer	Length in mm	Connector thread	Designed 1 side	Designed 2 side
KHUH10001005	500	G 1/4"F	Female	Female
KHUH10001010	1000	G 1/4"F	Female	Female
KHUH10001020	2000	G 1/4"F	Female	Female
KHUH10001030	3000	G 1/4"F	Female	Female
KHUH10001040	4000	G 1/4"F	Female	Female
KHUH10001050	5000	G 1/4"F	Female	Female



Mounted and checked

Article - nummer	Length in mm	Connector thread	Designed 1 side	Designed 2 side		
				Adapter Male	Metal seal	coupling
KHUH10002005	500	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH10002010	1000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH10002020	2000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH10002030	3000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH10002040	4000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH10002050	5000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F



Mounted, oilfilled, vented and checked

Article - nummer	Length in mm	Connector thread	Designed 1 side			Designed 2 side		
			Adapter Male	Metal seal	coupling	Adapter Male	Metal seal	coupling
KHUH10003005	500	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH10003010	1000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH10003020	2000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH10003030	3000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH10003040	4000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH10003050	5000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F

ATTENTION:

Never pressurise the high pressure fast-lock nipple, when uncoupled
The test and burst pressure, indicated under "specification", only apply to high-pressure hoses without couplings and/or nipples.

Standard

- Inner core: Polymid PA
- Outer cover: Polyurethan PUR, black
- Pressure support 2 layers of specially treated, 1 layer of braided steel wire.
- Bend radius: 60mm
- Working temperature: -40°C up to 80°C

Options

- Protecting hose: PVC
- Other connection
- Other length
- Other couplings and nipples

Pressure transmitter

High-pressure hose 1600 bar



KHUH1600...

Specification:

- ⇒ Maximum working pressure 1600 bar
- ⇒ Test pressure 2700 bar
- ⇒ Min. burst Pressure 4500 bar
- ⇒ Connector thread G 1/4" female with 24°/60° DK
- ⇒ Inside Ø 4,7 mm (3/16")
- ⇒ Outside Ø 11,5 mm (7/16")

Article - nummer	Length in mm	Connector thread	Designed 1 side	Designed 2 side
KHUH16001005	500	G 1/4"F	Female	Female
KHUH16001010	1000	G 1/4"F	Female	Female
KHUH16001020	2000	G 1/4"F	Female	Female
KHUH16001030	3000	G 1/4"F	Female	Female
KHUH16001040	4000	G 1/4"F	Female	Female
KHUH16001050	5000	G 1/4"F	Female	Female



Mounted and checked

Article - nummer	Length in mm	Connector thread	Designed 1 side	Designed 2 side		
				Adapter Male	Metal seal	coupling
KHUH16002005	500	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH16002010	1000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH16002020	2000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH16002030	3000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH16002040	4000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F
KHUH16002050	5000	G 1/4" F	Female	1/4 BSP 60°	Yes	G 1/4" F



Mounted, oilfilled, vented and checked

Article - nummer	Length in mm	Connector thread	Designed 1 side			Designed 2 side		
			Adapter Male	Metal seal	coupling	Adapter Male	Metal seal	coupling
KHUH16003005	500	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH16003010	1000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH16003020	2000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH16003030	3000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH16003040	4000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F
KHUH16003050	5000	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F	1/4 BSP60°	Yes	G 1/4" F

ATTENTION:

Never pressurise the high pressure fast-lock nipple, when uncoupled
The test and burst pressure, indicated under "specification", only apply to high-pressure hoses without couplings and/or nipples.

Standard

- Inner core: Polyoxymethylen POM
- Outer cover: Polyamid PA
- Pressure support 4 layers of specially treated, high tensile steel wires.
- Bend radius: 120mm
- Working temperature: -40°C up to 80°C

Options

- Protecting hose: PVC
- Other connection
- Other length
- Other couplings and nipples

Pressure transmitter

High-pressure hose 2500 bar



KHUH2500...

Specification:

- ⇒ Maximum working pressure 2500 bar
- ⇒ Test pressure 2700 bar
- ⇒ Min. burst Pressure 4650 bar
- ⇒ Connector thread 9/16" UNF female with 60° DK
- ⇒ Inside Ø 4,7 mm (3/16")
- ⇒ Outside Ø 13 mm (1/2")

Article - nummer	Length in mm	Connector thread	Designed 1 side	Designed 2 side
KHUH25001005	500	9/16"UNF F	Female	Female
KHUH25001010	1000	9/16"UNF F	Female	Female
KHUH25001020	2000	9/16"UNF F	Female	Female
KHUH25001030	3000	9/16"UNF F	Female	Female
KHUH25001040	4000	9/16"UNF F	Female	Female
KHUH25001050	5000	9/16"UNF F	Female	Female



Mounted and checked

Article - nummer	Length in mm	Connector thread	Designed 1 side	Designed 2 side	
				Adapter Male	coupling
KHUH25002005	500	9/16"UNF F	Female	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25002010	1000	9/16"UNF F	Female	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25002020	2000	9/16"UNF F	Female	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25002030	3000	9/16"UNF F	Female	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25002040	4000	9/16"UNF F	Female	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25002050	5000	9/16"UNF F	Female	¼ BSP,M 100°	¼ BSP,F 120°



Mounted,oilfilled,vented and checked

Article - nummer	Length in mm	Connector thread	Designed 1 side		Designed 2 side	
			Adapter Male	coupling	Adapter Male	coupling
KHUH25003005	500	9/16"UNF F	¼ BSP,M 100°	¼ BSP,F 120°	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25003010	1000	9/16"UNF F	¼ BSP,M 100°	¼ BSP,F 120°	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25003020	2000	9/16"UNF F	¼ BSP,M 100°	¼ BSP,F 120°	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25003030	3000	9/16"UNF F	¼ BSP,M 100°	¼ BSP,F 120°	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25003040	4000	9/16"UNF F	¼ BSP,M 100°	¼ BSP,F 120°	¼ BSP,M 100°	¼ BSP,F 120°
KHUH25003050	5000	9/16"UNF F	¼ BSP,M 100°	¼ BSP,F 120°	¼ BSP,M 100°	¼ BSP,F 120°

ATTENTION:

Never pressurise the high pressure fast-lock nipple, when uncoupled
The test and burst pressure,indicated under "specification",only apply to high-pressure hoses without couplings and/or nipples.

Standard

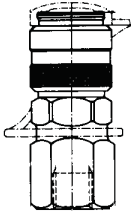
- Inner core: Polyoxymethylen POM
- Outer cover: Polyamid PA
- Pressure support 4 layers of specially treated,high tensile steel wires.
- Bend radius: 120mm
- Working temperature: -40°C up to 80°C

Options

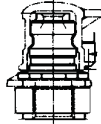
- Protecting hose: PVC
- Other connection
- Other length
- Other couplings and nipples

Pressure transmitter

High-pressure connectors 1000 bar



Coupling
KHUK10...



Nipple
KHUN10...

KHUK10.../KHUN10...

Specification:

- ⇒ Drop free couple and decouple
- ⇒ Working pressure up to 1000 bar
- ⇒ With protector caps
- ⇒ Compact assembly dimensions
- ⇒ Pressure media oil

Fast-lock coupling

Article-Nummer	Connector thread		Mouted with seal and Adapter KHUF10...
	Inside	Outside	
KHUK10001001	G ¼	-	-
KHUK10001002	-	G ¼	KHUF10001001
KHUK10001003	-	G ¼ (60°DK)	KHUF10002001
KHUK10001004	-	¼ NPT	KHUF10002004

Fast-lock nipple

Article-Nummer	Connector thread		Mouted with seal and Adapter KHUF10...
	Inside	Outside	
KHUN10001001	G ¼	-	-
KHUN10001002	-	G ¼	KHUF10001001
KHUN10001003	-	G ¼ (60°DK)	KHUF10002001
KHUN10001004	-	¼ NPT	KHUF10002004

Attention:

Never pressurised the fast-lock nipple,when uncoupled!

Standard



- Burst pressure 2600 bar
- Temperature range: -30°C up to 100°C
- Nominal width 2,5 mm
- Flow: 6,1 l/min
- KV-value / CV-value 0,23 / 0,27

Options

- Other connector types and sizes
- Tube break valves


Adapter

KHUF10...

Article-Nummer		Connector thread		Sealing over		
		1. Side	2. Side	Seal	Inner conical nipple 60°	Outer conical nipple 100°
KHUF10001001		G ¼	-	1. Side	no	no
KHUF10002001		G ¼	G ¼	1. Side,2. Side	1. Side,2. Side	no
KHUF10002002		G ¼ BSP	9/16"UNF	no	2. Side	1. Side
KHUF10002003		G ¼ BSP	G ¼ BSP	no	no	1. Side,2. Side
KHUF10002004		¼ NPT	G ¼	no	2. Side	no

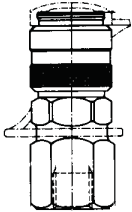
Seal

KHZD1001

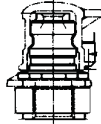
Article-Nummer		Appropriate for connector thread
KHZD10001001		G 1/8
KHZD10001002		G 1/4
KHZD10001003		G 3/8

Pressure transmitter

High-pressure connectors 1600 bar



Coupling
KHUK16...



Nipple
KHUN16...

KHUK16.../KHUN16...

Specification:

- ⇒ Drop free couple and decouple
- ⇒ Working pressure up to 1600 bar
- ⇒ With protector caps
- ⇒ Compact assembly dimensions
- ⇒ Pressure media oil

Fast-lock coupling

Article-Nummer	Connector thread		Mit Dichtung und Adapter HUF
	Inside	Outside	
KHUK16001001	G ¼	-	-
KHUK16001002	-	G ¼ (60°DK)	HUF16002001

Fast-lock nipple

Article-Nummer	Connector thread		Mit Dichtung und Adapter HUF
	Inside	Outside	
KHUN16001001	G ¼	-	-
KHUN16001002	-	G ¼ (60°DK)	HUF16002001

Attention:

Never pressurised the fast-lock nipple,when uncoupled!

Standard

- Burst pressure 3000 bar
- Temperature range -30°C up to 100°C
- Nominal width 2,5 mm
- Flow 6,1 l/min
- KV-value / CV-value 0,23 / 0,27

Options

- Other connector types and sizes
- Tube break valve

Adapter

KHUF16...

Article-Nummer	Connector thread	Seal	Sealing over			
			1. Side	2. Side	Inner conical nipple 60°	Outer conical nipple 100°
KHUF16002001	G ¼	1. Side,2. Side	G ¼	1. Side,2. Side	no	no
KHUF16002002	G ¼ BSP	no	9/16"UNF	2. Side	1. Side	1. Side
KHUF16002003	G ¼ BSP	no	G ¼ BSP	no	1. Side,2. Side	1. Side,2. Side



Seal

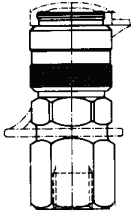
KHZD1601

Article-Nummer	Appropriate for connector thread
KHZD16001002	G 1/4

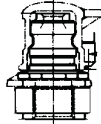


Pressure transmitter

High-pressure connectors 2500 bar



Coupling
KHUK25...



Nipple
KHUN25...

KHUK25.../KHUN25...

Specification:

- ⇒ Drop free couple and decouple
- ⇒ Working pressure up to 2500 bar
- ⇒ With protector caps
- ⇒ Compact assembly dimensions
- ⇒ Pressure media oil

Fast-lock coupling

Article-Nummer	Connector thread		Mounted with Adapter KHUF25...
	Inside	Outside	
KHUK25001001	G ¼ BSP (120°DK)	-	-
KHUK25001002	-	G ¼ BSP (100°DK)	KHUF25002002
KHUK25001003	-	9/16"UNF(60°DK)	KHUF25002001

Fast-lock nipple

Article-Nummer	Connector thread		Mounted with Adapter KHUF25...
	Inside	Outside	
KHUN25001001	G ¼ BSP (120°)	-	-
KHUN25001002	-	G ¼ BSP (100°DK)	KHUF25002002
KHUN25001003	-	9/16"UNF(60°DK)	KHUF25002001

Attention:

Never pressurised the fast-lock nipple,when uncoupled!

Standard



- Burst pressure 4000 bar
- Temperature range -30°C up to 100°C
- Nominal width 2,5 mm
- Flow 5,5 l/min
- KV-value / CV-value 0,22 / 0,26

Options

- Other connector types and sizes
- Tube break valve

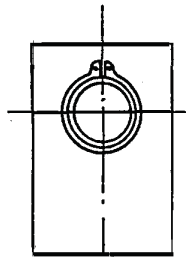
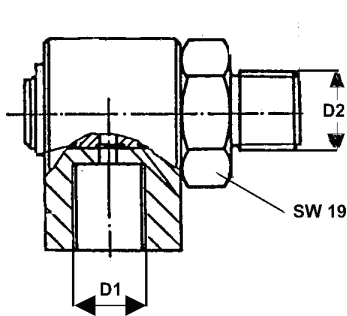
Adapter

KHUF25...

Article-number	1. Side	2. Side	Connector thread		Inner conical nipple 100°	Sealing over	
			1. Side	2. Side		Inner conical nipple 60°	Outer conical nipple 100°
KHUF25002001			G ¼ BSP	9/16"UNF	-	2. Side	1. Side
KHUF25002002			G ¼ BSP	G ¼ BSP	-	-	1. Side, 2. Side
KHUF25002003			¾"-16UNF	9/16"UNF	-	2. Side	1. Side
KHUF25003001				¾"-16UNF	G ¼ BSP M	2. Side	1. Side

Pressure transmitter

Rotary angle connectors 1000 bar, 1600 bar and 2500 bar



KHUZ...

Specification:

- ⇨ Small performance
- ⇨ Movabel under pressure
- ⇨ Up to 2500 bar
- ⇨ Pressure media oil
- ⇨ With flat seating $\Phi 25$
- ⇨ Surface treatment is blackened

1000 bar

Article-number	D1	D2	Sealing over	
			Seal	Conical nipple
KHUZ10001001	G 1/4	G 1/4	D1 and D2	-
KHUZ10001002	1/4 NPT	1/4 NPT	-	-
KHUZ10001003	G 1/4	1/4 NPT	D1	-
KHUZ10001004	1/4 NPT	G 1/4	D2	-
KHUZ10001005	G 1/4 BSP	G 1/4 BSP	-	D1 inside,D2 outside

1600 bar

Article-number	D1	D2	Sealing over	
			Seal	Conical nipple
KHUZ16001001	G 1/4	G 1/4	D1 and D2	-
KHUZ16001002	G 1/4 BSP	G 1/4	D2	D1 inside
KHUZ16001003	G 1/4 BSP	G 1/4 BSP	-	D1 inside,D2 outside
KHUZ16001004	G 1/4	G 1/4 BSP	-	D1 inside,D2 outside

2500 bar

Article-number	D1	D2	Sealing over	
			Seal	Conical nipple
KHUZ25001001	G 1/4 BSP	G 1/4 BSP	-	D1 inside,D2 outside
KHUZ25001002	3/4-16 UNF	G 1/4 BSP	-	D1 inside,D2 outside
KHUZ25001003	3/4-16 UNF	3/4-16 UNF	-	D1 inside,D2 outside
KHUZ25001004	G 1/4 BSP	3/4-16 UNF	-	D1 inside,D2 outside

Standard

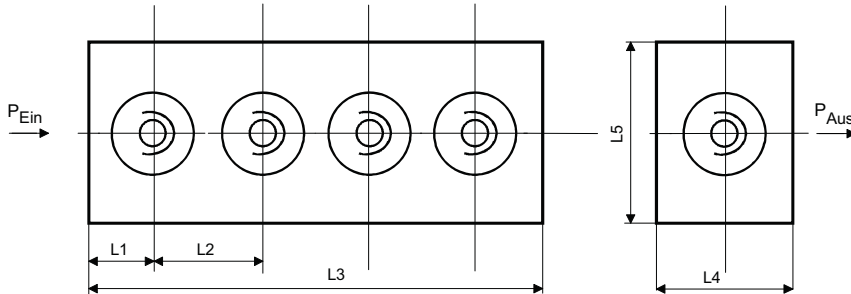
- Temperature range: -30°C up to 80°C
- Nominal width 3 mm
- When the connector thread is G1/4, the sealing ring KHZD16001002 belongs to the scope of delivery

Options

- Other thread types and sizes
- Several connectors
- Other surface treatment

Pressure transmitter

Manifold blocks 1000 bar, 1600 bar, 2500 bar



KHUE...

Specification

- ⇒ Pressure media oil
- ⇒ Up to 2500 bar
- ⇒ Particular locking with needle valve
- ⇒ Venting screw
- ⇒ With flat seating Φ 25

Without particular locking

Article-Number	Connector thread		Number of the user A	I1	I2	I3	I4	I5
	Pressure inside A	Pressure outside B						
KHUE25001001	G ¼ BSP	G ¼ BSP	4	25	55	215	45	45
KHUE25001002	G ¼ BSP	G ¼ BSP	5	25	55	270	45	45
KHUE25001003	G ¼ BSP	G ¼ BSP	6	25	55	325	45	45

With particular locking through each a needle valve per user

Article-Number	Connector thread		Number of the user A	I1	I2	I3	I4	I5
	Pressure inside A	Pressure outside B						
KHUE25002001	G ¼ BSP	G ¼ BSP	4	30	55	225	50	80
KHUE25002002	G ¼ BSP	G ¼ BSP	5	30	55	280	50	80
KHUE25002003	G ¼ BSP	G ¼ BSP	6	30	55	335	50	80

Standard

- Heat treatable
- Connector thread G ¼ male with 120° conical nipple
- Rectangle structural shape
- Temperature range -30°C up to 80°C

Options

- Carrying handle / fixed
- Fixing boring
- Manometer borings
- Other performances
- Other thread types and sizes