

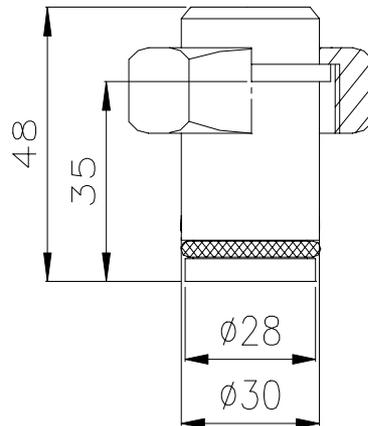


REMOTE SEAL WITH EXTENDED DIAPHRAGM AND NUT

Model LHX6 (1")

LHX models are small-size remote seals with extended diaphragm. LHX seals can be connected to process with welding connection for flat surface, with "saddle" or T-coupler which is suitable also to small-size pipe lines.

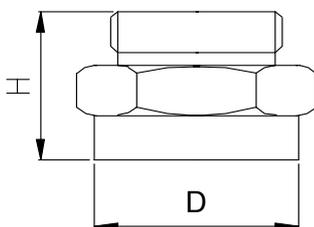
Used materials are stainless steel 316.



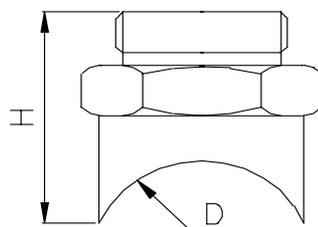
Process connections

Type	Height H mm	Width D1 mm	Saddle pipe size	T-coupler pipe size
H	36	46		
H48	47		1½" - 48,3 mm	
H60	46		2" - 60,3 mm	
H76	43		2½" - 76,1 mm	
H89	42		3" - 88,9 mm	
H114	40		4" - 114,3 mm	
HT17	67			3/8" - 17,2 mm
HT21	71			1/2" - 21,3 mm
HT26	76			3/4" - 26,9 mm
HT36	82			1" - 33,7 mm

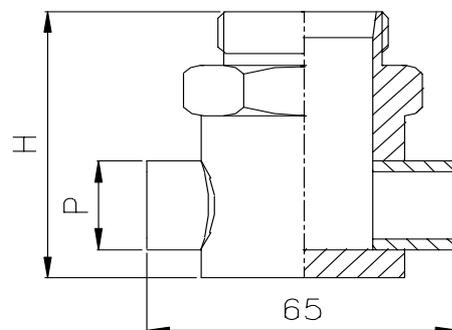
Welding connection for flat surface

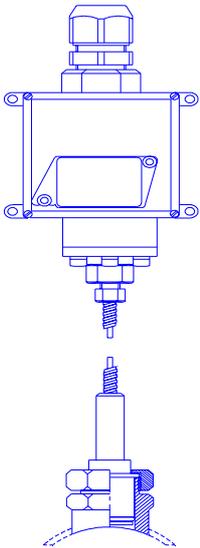


Welding "saddle" connection

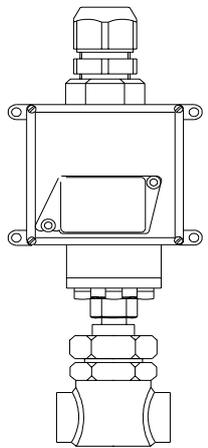


Welding T-coupler





LHX- diaphragm seal with saddle connected to CCS- pressure switch

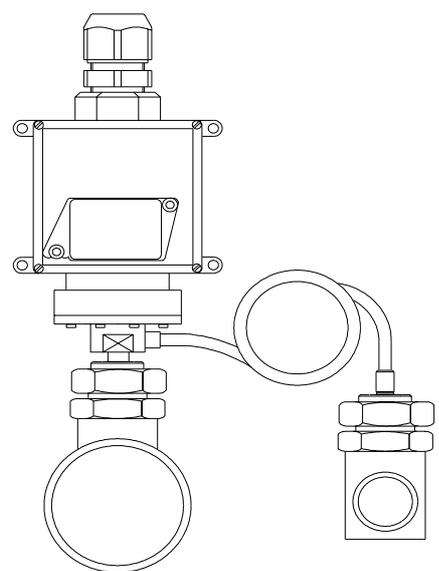


LHX- diaphragm seal with T-coupler connected to CCS- pressure switch

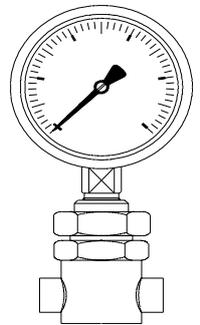
- LHX -remote seal
- Process connection with welding T-coupler for DN 15 pipe
- Connection to measuring equipment NPT 1/4" male
- With cooling element
- Body AISI 316
- Diaphragm AISI 316 coated with PTFE
- Filling fluid Halocarbon -20...+200°C Inert

LHX6. HT21 N9 JK 005 88

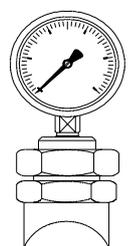
LHX6. Chemical seal with extended diaphragm			
Process connection			
-	Without process connection		
H	Welding connection for flat surface or pipe > 4"		
H48	Welding connection with saddle for 1 1/2" - 48mm pipe		
H60	Welding connection with saddle for 2" - 60mm pipe		
H76	Welding connection with saddle for 2 1/2" - 76mm pipe		
H89	Welding connection with saddle for 3" - 89mm pipe		
HT17	Welding T-coupler 3/8" - 17,2mm pipe		
HT21	Welding T-coupler 1/2" - 21,3mm pipe		
HT26	Welding T-coupler 3/4" - 26,3mm pipe		
HT33	Welding T-coupler 1" - 33,7mm pipe		
Measuring connection			
R	BSP 2=1/2" 3=3/8" 4=1/4" female thread 7=1/2" 8=3/8" 9=1/4" male thread		
N	NPT 2=1/2" 3=3/8" 4=1/4" female thread 7=1/2" 8=3/8" 9=1/4" male thread		
H	Connected to measuring instrument with capillary		
XM	Connected to transmitter with side connection		
Capillary			
-	Without capillary, cooling element		
S2H	Cap. 3,00X1,00 b=1 d=2 f=3 h=4 j=5 l=6 n=7 p=8 r=9 t=10		
S1H	Cap. 3,18X1,76 B=1 D=2 F=3 H=4 J=5 L=6 N=7 P=8 R=9 T=10		
JK	Cooling element		
Capillary			
-	Without capillary, cooling element		
S2H	Cap. 3,00X1,00 b=1 d=2 f=3 h=4 j=5 l=6 n=7 p=8 r=9 t=10		
S1H	Cap. 3,18X1,76 B=1 D=2 F=3 H=4 J=5 L=6 N=7 P=8 R=9 T=10		
JK	Cooling element		
Body Diaphragm Wetted parts			
000	AISI 316	AISI 317L	AISI 316
005	AISI 316	AISI 317L	PTFE
Filling fluids			
80/2	Silicon	-60... +60°C	
80/1	Silicon	-40...+150°C	
80	Silicon	-10...+250°C	
85	Sylterm	-30...+300°C	
86	Neobee	-20...+180°C Food industry	
87			
88	Halocarbon	-20...+200°C Inert	
89			
90	Hi-temp + vacuum		



LHX- diaphragm seal connected to CCS- pressure switch, high-port connected with saddle and low-port with T-coupler



LHX- diaphragm seal with T-coupler connected to pressure gauge



LHX- diaphragm seal with saddle connected to pressure gauge