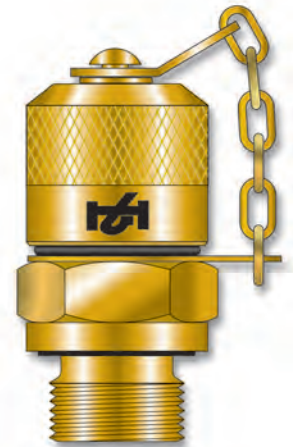
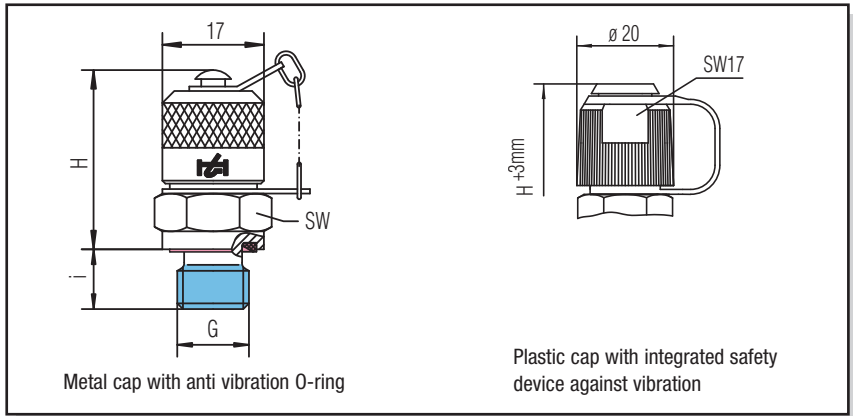


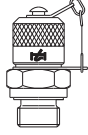
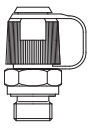
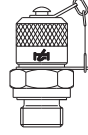
MINIMESS®



**HYDROTECHNIK**  
TEST WITH CONFIDENCE

# MINIMESS®-1215 Test Points



Thread G	Type of sealing A	Torque in Nm	Technical data				Material: Free cutting steel 1.0718  Metal cap	Part-number with NBR - sealing	Material: Free cutting steel 1.0718  Plastic cap	Part-number with NBR - sealing	Material: Stainless steel 1.4571  Metal cap	Part-number with FKM - sealing
			p max	H in mm	i in mm	SW in mm						
M 8 x 1*	Form G	6	25 MPa	30	8,5	14	<b>2101-06-32.00</b>	<b>2101-01-32.00</b>	on request			
M 10 x 1		12		30	8,5	14	<b>2101-06-33.00</b>	<b>2101-01-33.00</b>	<b>2701-06-33.10</b>			
M 12 x 1,5	Form F	30	63 MPa	29	10	17	<b>2101-06-13.00</b>	<b>2101-01-13.00</b>	on request			
M 14 x 1,5		40		29	10	19	<b>2101-06-14.00</b>	<b>2101-01-14.00</b>	on request			
ISO 228-G 1/8		18	40 MPa	30	8	14	<b>2101-06-17.00</b>	<b>2101-01-17.00</b>	on request			
ISO 228-G 1/4		40	63 MPa	29	10	19	<b>2101-06-18.00</b>	<b>2101-01-18.00</b>	<b>2701-06-18.10</b>			
1/8 NPTF	Form H	-	40 MPa	26	12	14	<b>2101-06-46.00</b>	<b>2101-01-46.00</b>	on request			
1/4 NPTF		-		26	15	14	<b>2101-06-47.00</b>	<b>2101-01-47.00</b>	<b>2701-06-47.10</b>			
7/16-20 UNF	Form E	20	63 MPa	29	9	17	<b>2101-06-21.00</b>	<b>2101-01-21.00</b>	on request			
9/16-18 UNF		35		28	10	19	<b>2101-06-53.00</b>	<b>2101-01-53.00</b>	on request			
ISO 7/-R 1/8	Form C	-	40 MPa	26	12	14	<b>2101-06-40.00</b>	<b>2101-01-40.00</b>	on request			

\* M 8 x 1 – please do not use for new constructions.

## Option

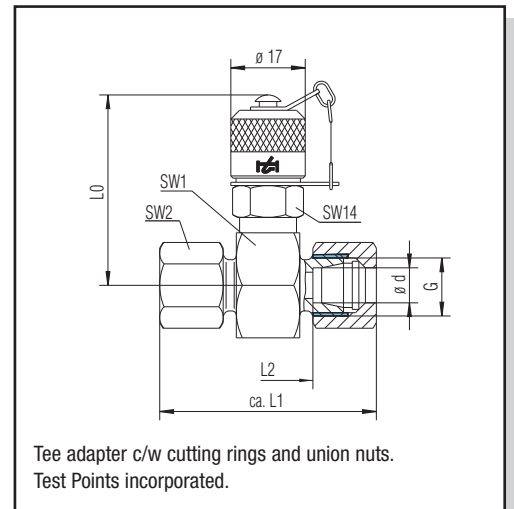
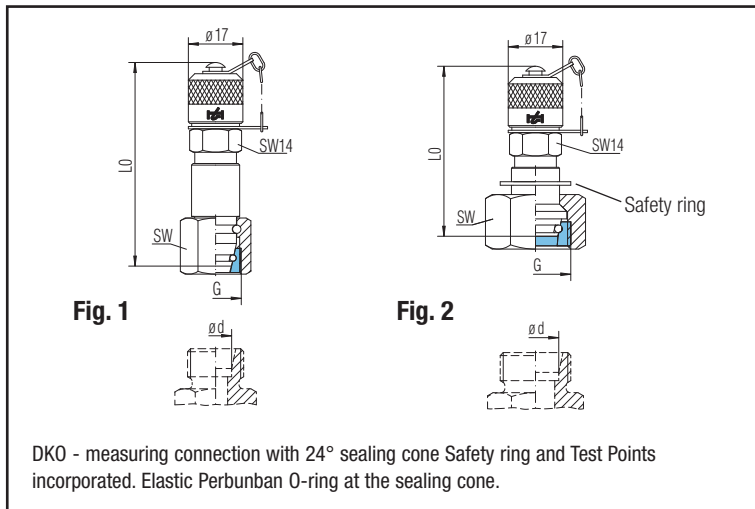
For FKM (Viton) - Exchange end digits from 00 to 10

10

Other materials, further options, sealing and screw-in threads on request.  
We reserve the right to carry out technical modifications.

# MINIMESS®-1215 Test Points Metric DKO, Tee Adaptors-1215

For solder free screw-in pipe connections according to DIN 2353; execution free-cutting steel 1.0718; sealing NBR



Series Ø d	p max	Thread G
L 6	31,5 MPa	M 12 x 1,5
L 8		M 14 x 1,5
L 10		M 16 x 1,5
L 12		M 18 x 1,5
L 15		M 22 x 1,5
L 18	16 MPa	M 26 x 1,5
L 22		M 30 x 2
L 28		M 36 x 2
L 35		M 45 x 2
L 42		M 52 x 2

Fig.	L <sub>0</sub>	SW	Part-number
1	62	17	<b>2101-40-06.90</b>
	62	19	<b>2101-40-08.90</b>
	62	19	<b>2101-40-10.90</b>
	58	22	<b>2101-40-12.90</b>
	51,5	27	<b>2101-40-15.90</b>
2	52,5	32	<b>2101-40-18.90</b>
	52,5	36	<b>2101-40-22.90</b>
	53,5	41	<b>2101-40-28.90</b>
	55,5	50	<b>2101-40-35.90</b>
	55,5	60	<b>2101-40-42.90</b>

L <sub>1</sub>	L <sub>2</sub>	L <sub>0</sub>	SW <sub>1</sub>	SW <sub>2</sub>	Part-number
50,5	20,5	42	24	14	<b>2101-11-06.90</b>
50,5	20,5	42	24	17	<b>2101-11-08.90</b>
52,5	22,5	42	24	19	<b>2101-11-10.90</b>
52,5	22,5	42	24	22	<b>2101-11-12.90</b>
54,5	24,5	45	30	27	<b>2101-11-15.90</b>
56,5	23,5	46	32	32	<b>2101-11-18.90</b>
60,5	27,5	48	36	36	<b>2101-11-22.90</b>
60,5	27,5	50,5	41	41	<b>2101-11-28.90</b>
68,5	25,5	53	46	50	<b>2101-11-35.90</b>
70,5	24,5	57,5	55	60	<b>2101-11-42.90</b>

Series Ø d	p max	Thread G
S 6	63 MPa	M 14 x 1,5
S 8		M 16 x 1,5
S 10		M 18 x 1,5
S 12		M 20 x 1,5
S 14		M 22 x 1,5
S 16	40 MPa	M 24 x 1,5
S 20		M 30 x 2
S 25		M 36 x 2
S 30		M 42 x 2
S 38		31,5 MPa

Fig.	L <sub>0</sub>	SW	Part-number
1	62	17	<b>2101-41-06.90</b>
	62	19	<b>2101-41-08.90</b>
	62	22	<b>2101-41-10.90</b>
	58	24	<b>2101-41-12.90</b>
	55	27	<b>2101-41-14.90</b>
2	55	30	<b>2101-41-16.90</b>
	55,5	36	<b>2101-41-20.90</b>
	57	46	<b>2101-41-25.90</b>
	58,5	50	<b>2101-41-30.90</b>
	61,5	60	<b>2101-41-38.90</b>

L <sub>1</sub>	L <sub>2</sub>	L <sub>0</sub>	SW <sub>1</sub>	SW <sub>2</sub>	Part-number
54,5	24,5	42	24	17	<b>2101-12-06.90</b>
54,5	24,5	42	24	19	<b>2101-12-08.90</b>
56,5	23,5	42	24	22	<b>2101-12-10.90</b>
56,5	23,5	42	24	24	<b>2101-12-12.90</b>
62,5	26,5	43,5	27	27	<b>2101-12-14.90</b>
62,5	25,5	45	30	30	<b>2101-12-16.90</b>
68,5	25,5	48	36	36	<b>2101-12-20.90</b>
74,5	26,5	50,5	41	46	<b>2101-12-25.90</b>
80,5	27,5	53	46	50	<b>2101-12-30.90</b>
91	29	57,5	55	60	<b>2101-12-38.90</b>

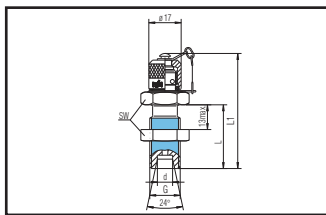
## Options

All sealing made of Viton with metal cap (when ordering, exchange end digits from 00 to 10)	<b>00</b>
With mounted plastic cap (when ordering, exchange end digits from 00 to 90)	<b>95</b>

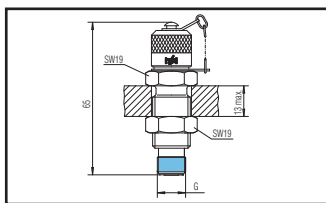
Other materials, further options, sealing and screw-in threads on request.

## MINIMESS®-1215 Test Points 1215 Bulkhead Adaptors

For solder free screw-in pipe connections according to DIN 2353; execution free-cutting steel 1.0718; sealing NBR

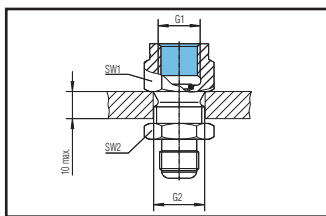


Thread G	p max	Connection	L in mm	L <sub>1</sub> in mm	SW in mm	Part-number
M 12 x 1,5	31,5 MPa	L 6	34	60,5	17	2101-04-22.90
M 14 x 1,5		L 8	34	60,5	19	2101-04-23.90
M 14 x 1,5	63 MPa	S 6	36	62,5	19	2101-04-24.90



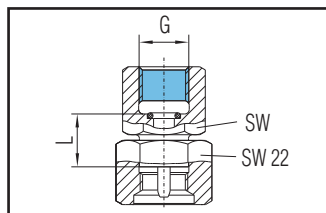
Thread G	p max	Connection	Part-number
Fixing thread 12	63 MPa	On both sides MINIMESS® - 1215 connection	2101-04-16.90

## MINIMESS®-1215 pressure gauge connection for bulkhead fitting



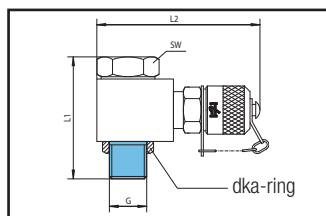
Internal thread G1	p max	Connection G2	L in mm (approx.)	SW in mm	Note	Part-number
ISO 228-G 1/4	63 MPa	1215	31	19	Without return valve	2101-05-11.00
ISO 228-G 1/2			38,5	27		2101-05-12.00
1/4 NPT			-	22		2101-05-23.00

## MINIMESS®-pressure gauge – direct connection



Internal thread G	p max	L in mm	SW in mm	Part-number
ISO 228-G 1/4	63 MPa	14,5	19	2101-07-11.62
ISO 228-G 1/2		17	27	2101-07-12.62
1/4 NPT		-	19	2101-07-23.62

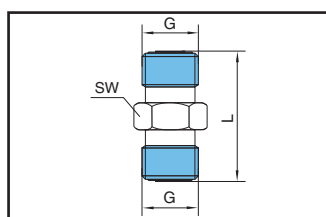
## MINIMESS®-1215 Test Points 1215 90° Swivel screw connection



Thread G	p max	L <sub>1</sub> in mm	L <sub>2</sub> in mm	SW in mm	Part-number
ISO 228-G 1/4	63 MPa	34,5	46	19	2115-22-14.00

Sealing on screw-in thread (hollow screw) via dka-ring, on hexagon via Gi-ring (NBR). Other options on request.

## MINIMESS®-1215 hose adaptors



Thread G	p max	L in mm	SW in mm	Note	Part-number
Fixing thread 12	63 MPa	29	14	Without return valve	2146-20-00.20

Other materials, further options, sealing and screw-in threads on request.