

**EU-75N:**  
 NBR: -10°C ÷ 95°C  
 FKM: -20°C ÷ 205°C  
**EU-75S - SAFETY:**  
 NBR: -10°C ÷ 95°C  
 Standard version: NBR

**Working pressure**  
**EU-75N:**  
 0-12 Bar (suggested)  
 35 Bar (max)  
**FLUID-10S:**  
 0-7 Bar (suggested)

- Taper gas BSPT ISO 7  
 from R1/4" to R1/2"  
 - Parallel gas BSPP ISO 228  
 from G1/4" to G1/2"

**PROFILE**

Germany

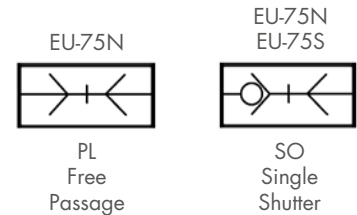
**NOMINAL DIAMETER**

7,6 mm

**FLOWRATE**

1125 l/min (EU-75N)  
 542 l/min (EU-75S - SAFETY)

**CONFIGURATIONS**



- EU-75N:** Compressed air
- EU-75N-X:** Compressed air, water, grease, oils, mild acids, applications in oxidising or corrosive environments and fluids suitable with construction materials
- EU-75N-X-316:** Compressed air, water, grease, oils, mild acids, applications in highly oxidising or corrosive environments and fluids suitable with construction materials
- EU-75S:** Compressed air

- Food contact materials EC 1935/2004 EU-75N-316 & AEU-75-316 Series
- D.M. 174 EU-75N-316 & AEU-75-316 Series
- Products in compliance with EC Regulation 1907/2006
- Products in compliance with the directive EU 2015/863

COMPONENTS	EU-75N	EU-75N-X	EU-75N-316	EU-75S - SAFETY
Body	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated steel
Slide	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated steel
Adapter	Nickel-plated brass	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated brass
Valve	Nickel-plated brass	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated brass
Spring	Stainless steel AISI 302	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 302
Ball	Chromed steel	Stainless steel AISI 316	Stainless steel AISI 316	Chromed steel
Retaining ring	Stainless steel AISI 302	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 302
Cartridge	-	-	-	Nickel-plated steel
Seal	NBR - FKM	NBR - FKM	NBR - FKM	NBR

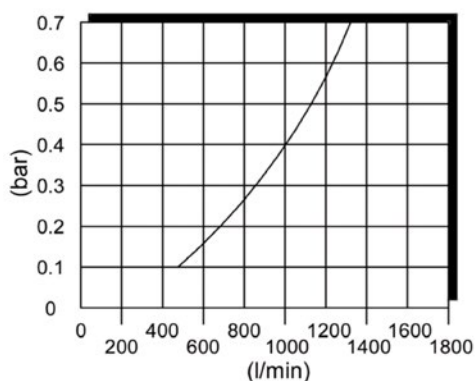
  

CONNECTION	AEU-75	AEU-75-X	AEU-75-316
Body	Hardened nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316

**FLOW CHART**

**EU-75N**

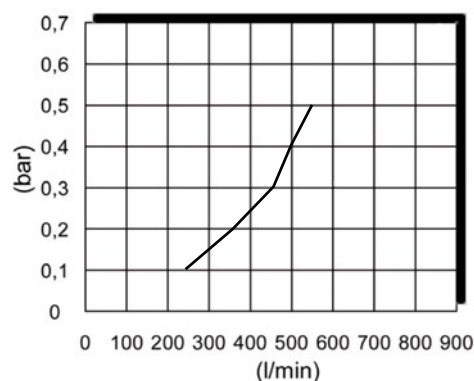
Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



**FLOW CHART**

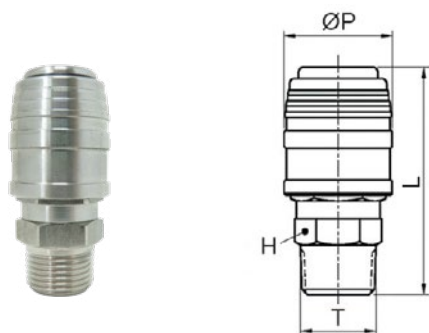
**EU-75S - SAFETY**

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



**EU-75N-M**

Male quick coupling BSPT thread



CODE	T	ØP	L	H
EU-75N-M1/4	R 1/4"	24,4	51,7	19
EU-75N-M1/4-PL	R 1/4"	24,4	51,7	19
EU-75N-M1/4-X	R 1/4"	24,4	51,7	19
EU-75N-M1/4-X-PL	R 1/4"	24,4	51,7	19
EU-75N-M1/4-316V	R 1/4"	24,4	51,7	19
EU-75N-M1/4-316V-PL	R 1/4"	24,4	51,7	19
EU-75N-M3/8	R 3/8"	24,4	52,7	19
EU-75N-M3/8-PL	R 3/8"	24,4	52,7	19
EU-75N-M3/8-X	R 3/8"	24,4	52,7	19
EU-75N-M3/8-X-PL	R 3/8"	24,4	52,7	19
EU-75N-M3/8-316V	R 3/8"	24,4	52,7	19
EU-75N-M3/8-316V-PL	R 3/8"	24,4	52,7	19
EU-75N-M1/2	R 1/2"	24,4	57,2	22
EU-75N-M1/2-PL	R 1/2"	24,4	57,2	22
EU-75N-M1/2-X	R 1/2"	24,4	57,2	22
EU-75N-M1/2-X-PL	R 1/2"	24,4	57,2	22
EU-75N-M1/2-316V	R 1/2"	24,4	57,2	22
EU-75N-M1/2-316V-PL	R 1/2"	24,4	57,2	22

Male quick coupling BSPP thread

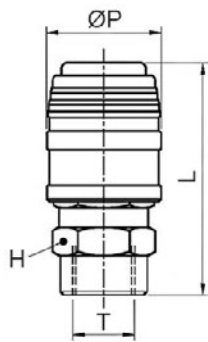
EU-75N-M1/4G	G 1/4"	24,4	50,2	21
EU-75N-M1/4G-PL	G 1/4"	24,4	50,2	21
EU-75N-M3/8G	G 3/8"	24,4	51,7	21
EU-75N-M3/8G-PL	G 3/8"	24,4	51,7	21
EU-75N-M1/2G	G 1/2"	24,4	54,7	24
EU-75N-M1/2G-PL	G 1/2"	24,4	54,7	24

-PL: Free Passage



**EU-75N-H**

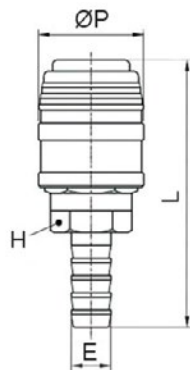
## Female quick coupling BSPP thread



CODE	T	ØP	L	H
EU-75N-H1/4	G 1/4"	24,4	49,7	19
EU-75N-H1/4-PL	G 1/4"	24,4	49,7	19
EU-75N-H1/4-X	G 1/4"	24,4	49,7	19
EU-75N-H1/4-X-PL	G 1/4"	24,4	49,7	19
EU-75N-H1/4-316V	G 1/4"	24,4	49,7	19
EU-75N-H1/4-316V-PL	G 1/4"	24,4	49,7	19
EU-75N-H3/8	G 3/8"	24,4	51,2	22
EU-75N-H3/8-PL	G 3/8"	24,4	51,2	22
EU-75N-H3/8-X	G 3/8"	24,4	51,2	22
EU-75N-H3/8-X-PL	G 3/8"	24,4	51,2	22
EU-75N-H3/8-316V	G 3/8"	24,4	51,2	22
EU-75N-H3/8-316V-PL	G 3/8"	24,4	51,2	22
EU-75N-H1/2	G 1/2"	24,4	55,4	25
EU-75N-H1/2-PL	G 1/2"	24,4	55,4	25
EU-75N-H1/2-X	G 1/2"	24,4	55,4	25
EU-75N-H1/2-X-PL	G 1/2"	24,4	55,4	25
EU-75N-H1/2-316V	G 1/2"	24,4	55,4	25
EU-75N-H1/2-316V-PL	G 1/2"	24,4	55,4	25

**-PL: Free Passage****EU-75N-E**

## Quick coupling with barb connector

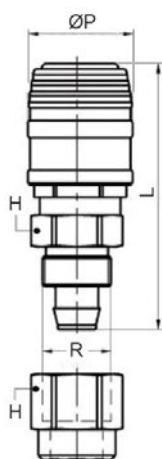


CODE	E	ØP	L	H
EU-75N-E6	7,2	24,4	59,2	19
EU-75N-E6-PL	7,2	24,4	59,2	19
EU-75N-E8	9,2	24,4	59,2	19
EU-75N-E8-PL	9,2	24,4	59,2	19
EU-75N-E8-X	9,2	24,4	59,2	19
EU-75N-E8-X-PL	9,2	24,4	59,2	19
EU-75N-E8-316V	9,2	24,4	59,2	19
EU-75N-E8-316V-PL	9,2	24,4	59,2	19
EU-75N-E10	11,2	24,4	63,2	19
EU-75N-E10-PL	11,2	24,4	63,2	19
EU-75N-E10-X	11,2	24,4	63,2	19
EU-75N-E10-X-PL	11,2	24,4	63,2	19
EU-75N-E10-316V	11,2	24,4	63,2	19
EU-75N-E10-316V-PL	11,2	24,4	63,2	19
EU-75N-E12	13,2	24,4	68,2	19
EU-75N-E12-PL	13,2	24,4	68,2	19
EU-75N-E12-X	13,2	24,4	68,2	19
EU-75N-E12-X-PL	13,2	24,4	68,2	19
EU-75N-E13	13,8	24,4	68,2	19
EU-75N-E13-PL	13,8	24,4	68,2	19

**-PL: Free Passage**

**EU-75N-PM**

Quick coupling with push-on connector



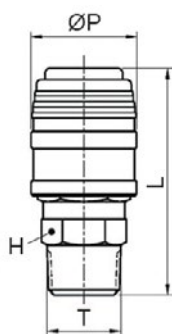
CODE	TUBE Ø	ØP	L	H
EU-75N-PM08	8x10	24,4	61,9	19
EU-75N-PM08-PL	8x10	24,4	61,9	19
EU-75N-PM08-X	8x10	24,4	61,9	19
EU-75N-PM08-X-PL	8x10	24,4	61,9	19
EU-75N-PM10	10x15	24,4	62,6	22
EU-75N-PM10-PL	10x15	24,4	62,6	22

Recommended for use with PU-PVC tube on page 751

-PL: Free Passage

**EU-75S-M**

Safety male quick coupling BSPT thread



CODE	T	ØP	L	H
EU-75S-M1/4	R 1/4"	28,5	53,6	19
EU-75S-M3/8	R 3/8"	28,5	54,6	19
EU-75S-M1/2	R 1/2"	28,5	59,1	22

Safety male quick coupling BSPP thread

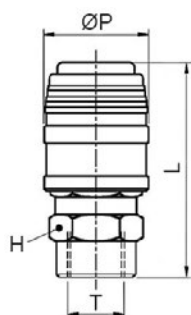
EU-75S-M1/4G	G 1/4"	28,5	52,1	21
EU-75S-M3/8G	G 3/8"	28,5	53,6	21
EU-75S-M1/2G	G 1/2"	28,5	54,7	24

**EU-75S-M**

It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

**EU-75S-H**

Female safety quick coupling BSPP thread



CODE	T	ØP	L	H
EU-75S-H1/4	G 1/4"	28,5	51,6	19
EU-75S-H3/8	G 3/8"	28,5	53,1	22
EU-75S-H1/2	G 1/2"	28,5	57,3	25

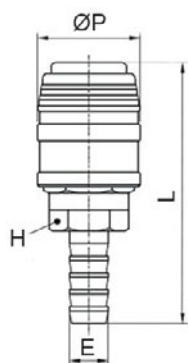
**EU-75S-H**

It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.



**EU-75S-E**

Safety quick coupling with barb connector



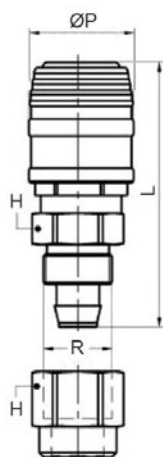
CODE	E	ØP	L	H
EU-75S-E6	7,2	28,5	61,1	19
EU-75S-E8	9,2	28,5	61,1	19
EU-75S-E10	11,2	28,5	65,1	19
EU-75S-E12	13,2	28,5	70,1	19
EU-75S-E13	13,8	28,5	70,1	19

**EU-75S-E**

It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

**EU-75S-PM**

Safety quick coupling with push-on connector



CODE	TUBE Ø	ØP	L	H
EU-75S-PM08	8x12	28,5	65,2	19
EU-75S-PM10	10x15	28,5	70,0	22

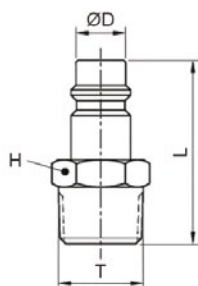
Recommended for use with PU-PVC tube on page 751

**EU-75S-PM**

It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

**AEU-75M**

Male connection BSPT thread

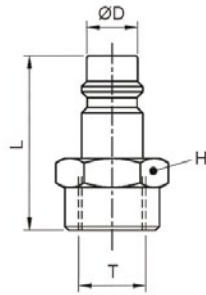


CODE	T	ØD	L	H
AEU-75M	R 1/4"	10	36,5	14
AEU-75M-X	R 1/4"	10	36,5	14
AEU-75M-316	R 1/4"	10	36,5	14
AEU-75M38	R 3/8"	10	37,0	17
AEU-75M38-316	R 3/8"	10	37,0	17
AEU-75M12-316	R 1/2"	10	42,0	22



**AEU-75H**

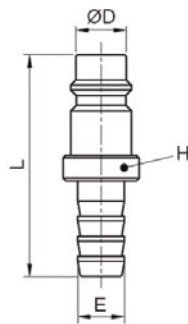
Female connection BSPP thread



CODE	T	ØD	L	H
AEU-75H	G 1/4"	10	34,0	17
AEU-75H-X	G 1/4"	10	34,0	17
AEU-75H-316	G 1/4"	10	34,0	17
AEU-75H38	G 3/8"	10	34,5	20
AEU-75H38-316	G 3/8"	10	34,5	22
AEU-75H12-316	G 1/2"	10	40,0	24

**AEU-75E**

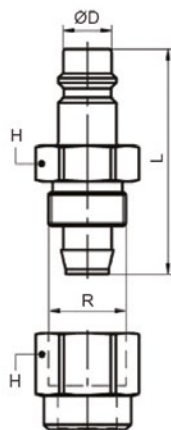
Connection with barb connector



CODE	E	ØD	L	H
AEU-75E	9,2	10	44,0	15
AEU-75E-X	9,2	10	44,0	15
AEU-75E10	11,2	10	48,0	15
AEU-75E10-316	11,2	10	48,0	15
AEU-75E12-316	13,2	10	48,0	17

**AEU-75PM**

Connection with barb connector



CODE	TUBE Ø	R	ØD	L	H
AEU-75PM08	8x12	M16x1	10	46,7	19
AEU-75PM08-X	8x12	M16x1	10	46,7	19
AEU-75PM10	10x15	M20x1	10	51,5	22

Recommended for use with PU-PVC tube on page 751

