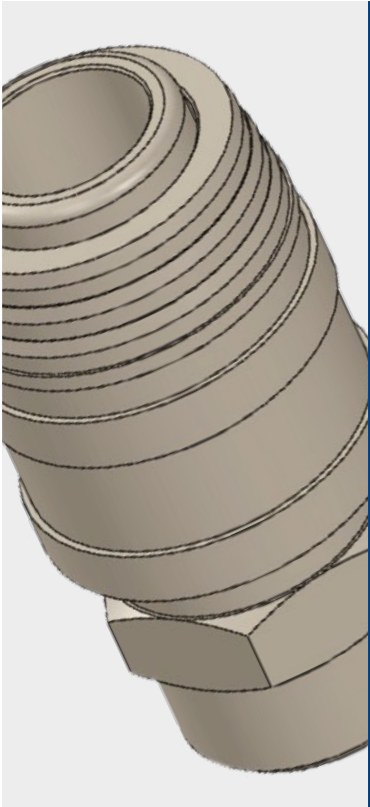






**EU-75N:**  
NBR: -10°C ÷ 95°C  
FKM: -20°C ÷ 205°C

**EU-75S - SAFETY:**  
NBR: -10°C ÷ 95°C

Standard version: NBR  
Stainless steel AISI 316 version: FKM



**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"

- 
- 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

**PROFILE**

Germany

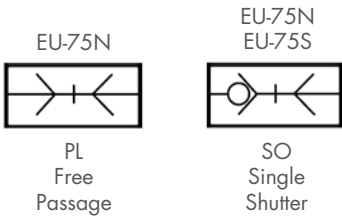
**NOMINAL DIAMETER**

7,6 mm

**FLOWRATE**

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

**CONFIGURATIONS**

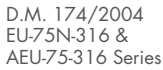




Food contact materials  
EC 1935/2004  
EU-75N-316 &  
AEU-75-316 Series



D.M. 174



D.M. 174/2004  
EU-75N-316 &  
AEU-75-316 Series



Products in compliance with  
EC Regulation 1907/2006



Products in compliance with  
the directive EU 2015/863



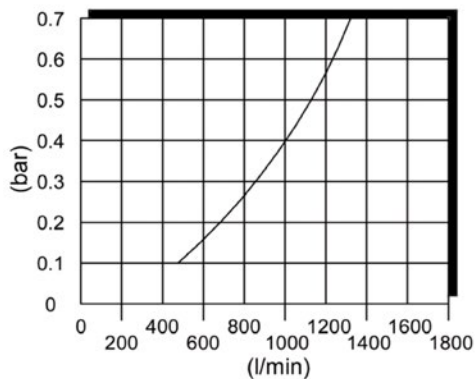
| COMPONENTS     | EU-75N                   | EU-75N-X                 | EU-75N-316  | EU-75S - SAFETY          |
|----------------|--------------------------|--------------------------|--------------------------------------------------------------------------------------------------|--------------------------|
| 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                | 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

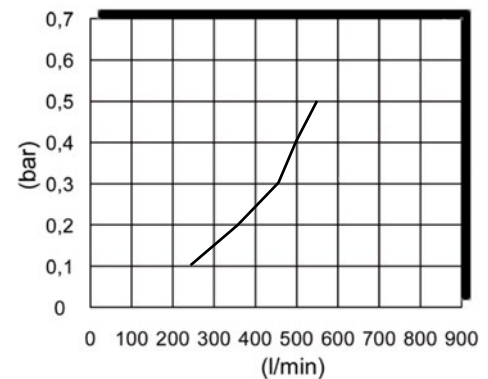
Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



## FLOW CHART

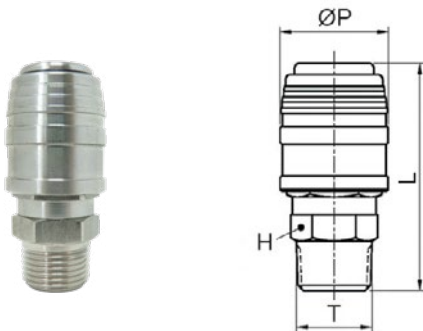
### EU-75S - SAFETY

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

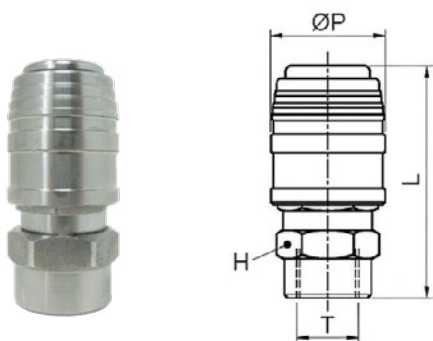
|                 |        |      |      |    |
|-----------------|--------|------|------|----|
| EU-75N-M1/4G    | G 1/4" | 24,4 | 50,2 | 21 |
| EU-75N-M1/4G-PL | G 1/4" | 24,4 | 50,2 | 21 |
| EU-75N-M3/8G    | G 3/8" | 24,4 | 51,7 | 21 |
| EU-75N-M3/8G-PL | G 3/8" | 24,4 | 51,7 | 21 |
| EU-75N-M1/2G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

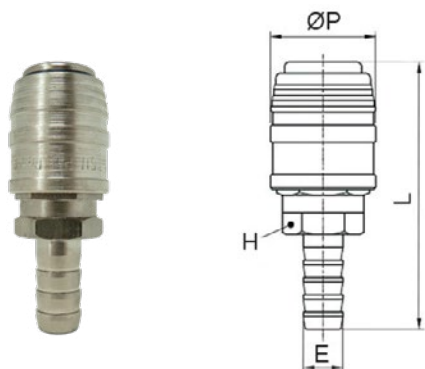
## Female quick coupling BSPP thread



| 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

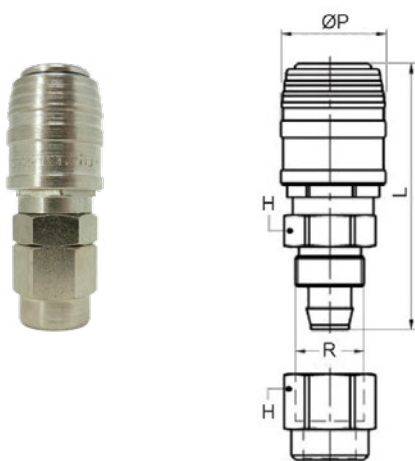


| CODE               | E    | ØP   | L    | H  |
|--------------------|------|------|------|----|
| EU-75N-E6          | 7,2  | 24,4 | 59,2 | 19 |
| EU-75N-E6-PL       | 7,2  | 24,4 | 59,2 | 19 |
| EU-75N-E8          | 9,2  | 24,4 | 59,2 | 19 |
| EU-75N-E8-PL       | 9,2  | 24,4 | 59,2 | 19 |
| EU-75N-E8-X        | 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



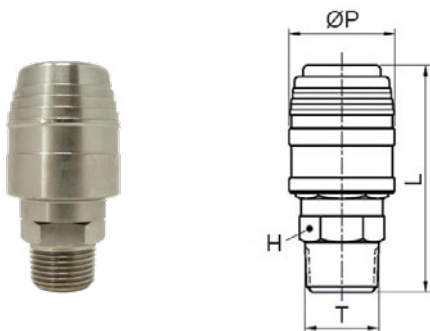
| CODE             | TUBE Ø | ØP   | L    | H  |
|------------------|--------|------|------|----|
| EU-75N-PM08      | 8x12   | 24,4 | 61,9 | 19 |
| EU-75N-PM08-PL   | 8x12   | 24,4 | 61,9 | 19 |
| EU-75N-PM08-X    | 8x12   | 24,4 | 61,9 | 19 |
| EU-75N-PM08-X-PL | 8x12   | 24,4 | 61,9 | 19 |
| EU-75N-PM10      | 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

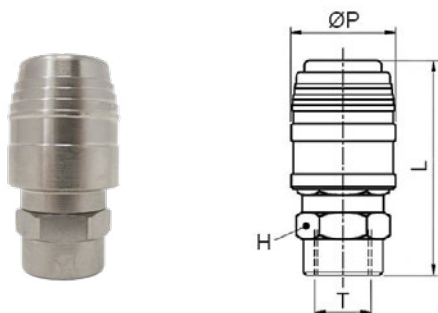
| CODE         | T      | ØP   | L    | H  |
|--------------|--------|------|------|----|
| EU-75S-M1/4G | G 1/4" | 28,5 | 52,1 | 21 |
| EU-75S-M3/8G | G 3/8" | 28,5 | 53,6 | 21 |
| EU-75S-M1/2G | G 1/2" | 28,5 | 54,7 | 24 |

### 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 |

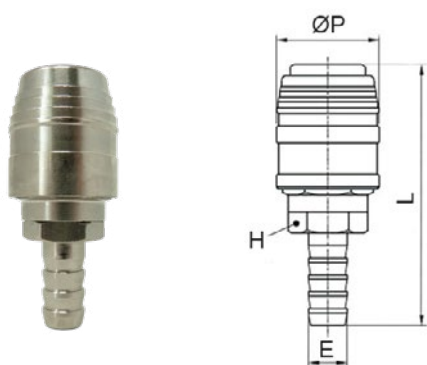
### EU-75S-H

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



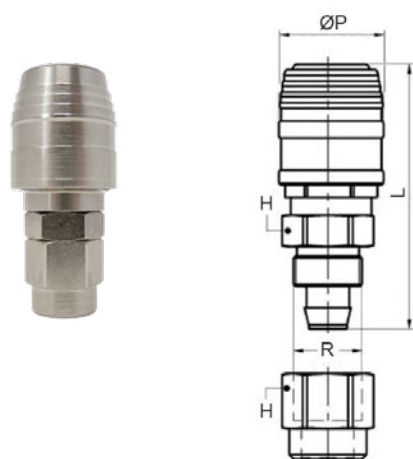
| CODE       | E    | ØP   | L    | H  |
|------------|------|------|------|----|
| EU-75S-E6  | 7,2  | 28,5 | 61,1 | 19 |
| EU-75S-E8  | 9,2  | 28,5 | 61,1 | 19 |
| EU-75S-E10 | 11,2 | 28,5 | 65,1 | 19 |
| EU-75S-E12 | 13,2 | 28,5 | 70,1 | 19 |
| EU-75S-E13 | 13,8 | 28,5 | 70,1 | 19 |

**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 |

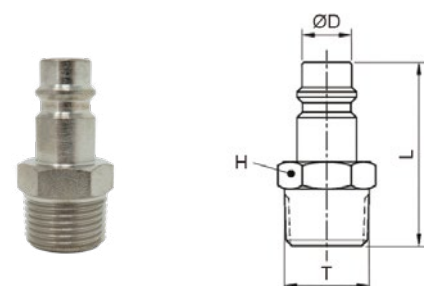
Recommended for use with PU-PVC tube on page 751

**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

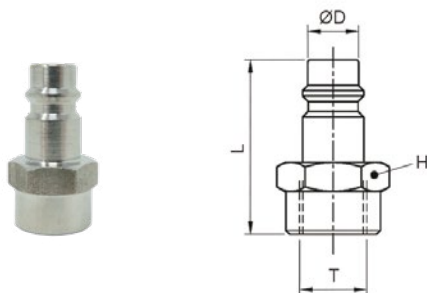


| CODE          | T      | ØD | L    | H  |
|---------------|--------|----|------|----|
| AEU-75M       | R 1/4" | 10 | 36,5 | 14 |
| AEU-75M-X     | R 1/4" | 10 | 36,5 | 14 |
| AEU-75M-316   | R 1/4" | 10 | 36,5 | 14 |
| AEU-75M38     | R 3/8" | 10 | 37,0 | 17 |
| AEU-75M38-316 | R 3/8" | 10 | 37,0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



## AEU-75H

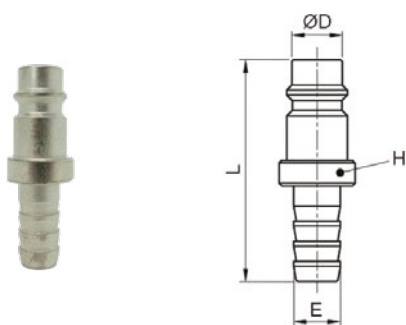
Female connection BSPP thread



| 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

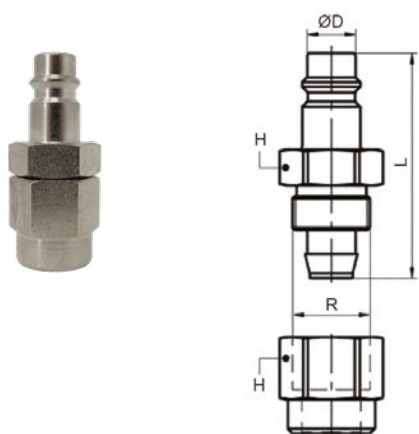
Connection with barb connector



| 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

