

INLET CONNECTION STANDARDS

UNI (Italian National Unification - Ente Nazionale Italiano di Unificazione)

INLET CONNECTION	CONNECTOR TYPE	CONNECTOR DESCRIPTION	GAS PROPERTIES	EXAMPLES OF GASES OR GAS MIXTURES
U 4405	UNI 4405	W 20 x 1/14" LH	Flammable	Hydrogen
U 4406	UNI 4406	W 21.7 x 1/14"	Non-flammable, Oxidiser	Carbon dioxide, oxygen
U 4407	UNI 4407	W 30 x 1/14"	Toxic	Ammonia
U 4408	UNI 4408	W 1" x 1/8"	Toxic	Chlorine
U 4409	UNI 4409	W 21.7 x 1/14"	Inert	Nitrogen
U 4410	UNI 4410	W 30 x 1/14"	Non-flammable	Air
U 4411	UNI 4411	W 22.9 x 1/14"	Flammable	Acetylene
U 4412	UNI 4412	W 24.5 x 1/14"	Inert	Argon, helium
U 9097	UNI 9097	G 3/8" EXT	Oxidiser	Nitrous oxide

NEN 3268 (Dutch Standards - Nederlandse Norm)

INLET CONNECTION	CONNECTOR TYPE	CONNECTOR DESCRIPTION	GAS PROPERTIES	EXAMPLES OF GASES OR GAS MIXTURES
N LU 0	LU 0	M 19 x 1.5 LH	Flammable Mixtures	Flammable mixtures
N LU 1	LU 1	W 21.8 - 1/14" LH	Flammable	Hydrogen, methane
N LU 4	LU 4	W 25.4 x 3.175" LH	Toxic	Hydrogen cyanide
RI 2	RI 2	G 22.91 x 1.814" RH	Oxidiser	Oxygen
N RU 1	RU 1	W 21.8 - 1/14"	Refrigerants	Ammonia, carbon dioxide
N RU 3	RU 3	W 24.32 - 1/14"	Inert	Argon, helium, nitrogen
N RU 4	RU 4	W 25.4 x 3.175" RH	Toxic	Chlorine, hydrogen chloride, sulphur dioxide
N RU 6	RU 6	W 28.81 x 1.814" RH	Oxidiser	Air

ISO 5145 (International Organization for Standardization)

INLET CONNECTION	CONNECTOR TYPE	CONNECTOR DESCRIPTION	GAS PROPERTIES	EXAMPLES OF GASES OR GAS MIXTURES
I 1	ISO 5145 No.1	W 24 x 2 11,2 - 16,8 RH	Inert	Medical helium & xenon
I 2	ISO 5145 No.2	W 24 x 2 11,9 - 16,1 RH	Oxidiser	Oxygen
I 4	ISO 5145 No.4	W 24 x 2 13,3 - 14,7 RH	Inert	Inert gases & mixes, except He & Xe
I 9	ISO 5145 No.9	W 24 x 2 13,3 - 14,7 LH	Flammable	Mixes with a flammable gas, except hydrogen
I 10	ISO 5145 No.10	W 24 x 2 14 - 14 LH	Flammable	Hydrogen
I 11	ISO 5145 No.11	W 27 x 2 11,8 - 20,2 RH	Inert	Nitrogen
I 17	ISO 5145 No.17	W 27 x 2 16 - 16 RH	Inert	Carbon dioxide
I 24	ISO 5145 No.24	W 27 x 2 16 - 16 LH	Flammable	LPG
I 30	ISO 5145 No.30	W 30 x 2 15,9 - 20,1 RH	Inert	Helium, argon, nitrogen, inert gas mixtures*
I 32	ISO 5145 No.32	W 30 x 2 17,3 - 18,7 RH	Oxidiser	Oxygen*
I 38	ISO 5145 No.38	W 30 x 2 15,2 - 20,8 LH	Flammable	Mixes with a flammable gas*
I 41	ISO 5145 No.41	W 30 x 2 17,3 - 18,7 LH	Refrigerants	Refrigerant gases**

* Working pressure above 250 bar in Europe and 182 bar in the USA

** Flammable according to ISO 5145, for inert No. 4 can be used when FTSC codes fit with the mixture