



Safety couplings NW 7.2



Safety push button coupling sockets ISO 4414/EN 983

NW 7.2

Compatible with**

Rectus 25, 26, 1600, 1625
TEMA 1600
CEJN 320
JWL 520, 530, 560
Legris 25, 26
Parker PE, PEF
Prevost E... 07
Festo KD4/KS4
IMI-Norgren 238
Aventics CP1-NW 7/7.8

Materials: Type zinc-plated steel: Body: Steel hardened and zinc-plated/aluminium/brass nickel-plated, seal: NBR, type AISI 316L: Body: AISI 316L, spring: AISI 301, balls: AISI 420, seal: FKM, type plastic: Body: Composite material (conductive)/brass nickel-plated, seal: NBR

Temperature range: -20°C to max. +70°C (type plastic: -15 °C to max. +70°C)

Operating pressure: 0 - 12 bar

Flow: 1500 l/min (input pressure 6 bar, 0.6 bar pressure drop)

Function: The coupling occurs as for standard couplings by inserting the push in nipple into the coupling socket. Uncoupling is effected by pressing the uncoupling button. Then the coupling socket closes and ventilates the coupling plug when still held in the coupling socket. This reliably prevents the dangerous recoil effect. Type zinc-plated steel and AISI 316L: Plug is released by pressing a second time, type plastic: Plug is only released after the residual pressure on the plug side has dropped below approx. 0.5 bar.



Use coupling plugs made of hardened steel!

- Advantages:**
- Coupling head can be rotated - after being screwed in, the push button can be turned to a position that is optimal from an ergonomic point of view
 - Safety function is controlled by the residual pressure on the plug side (only type plastic)
 - Antistatic, compliant with ATEX 2 Standard (no potential source of ignition) and can therefore be used in spray painting booths, gas environments or grain transfers (only type plastic)
 - Plastic body prevents surfaces from being scratched (only type plastic)
 - Manufactured without silicone (only type plastic)

Safety push button coupling sockets with male threads

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Type	Type	Type	Actual nominal	Thread
zinc-plated steel	AISI 316L	plastic	width	male
KDGSiP 14 NW7 ST	KDGSiP 14 NW7 ES	KDGSiP 14 NW7	7.4	G 1/4"
KDGSiP 38 NW7 ST	KDGSiP 38 NW7 ES	KDGSiP 38 NW7	7.4	G 3/8"
KDGSiP 12 NW7 ST	KDGSiP 12 NW7 ES	KDGSiP 12 NW7	7.4	G 1/2"



Safety push button coupling sockets with female threads

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Type	Type	Type	Actual nominal	Thread
zinc-plated steel	AISI 316L	plastic	width	female
KDGSiP 14 NW7 ST	KDGSiP 14 NW7 ES	KDGSiP 14 NW7	7.4	G 1/4"
KDGSiP 38 NW7 ST	KDGSiP 38 NW7 ES	KDGSiP 38 NW7	7.4	G 3/8"
KDGSiP 12 NW7 ST	KDGSiP 12 NW7 ES	KDGSiP 12 NW7	7.4	G 1/2"



Safety push button coupling sockets with hose nozzles

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Type	Type	Type	Actual nominal	Hose Ø
zinc-plated steel	AISI 316L	plastic	width	internal
KDSSiP 6 NW7 ST	KDSSiP 6 NW7 ES	KDSSiP 6 NW7	7.4	6
KDSSiP 8 NW7 ST	---	KDSSiP 8 NW7	7.4	8
KDSSiP 9 NW7 ST	KDSSiP 9 NW7 ES	KDSSiP 9 NW7	7.4	9
KDSSiP 10 NW7 ST	---	KDSSiP 10 NW7	7.4	10
KDSSiP 13 NW7 ST	KDSSiP 13 NW7 ES	KDSSiP 13 NW7	7.4	13



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All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.