



Explosion-proof accessories

Explosion-proof adapter

RIZUR-AV

Explosion-proof adapters RIZUR-AV are used for the diameter change and/or thread type change of the inlet ports. Adapters are manufactured with male and female threads in different combinations, depending on a design variant, and allow to connect the housings and fittings with different types of threads (metric, conical, cylinder, etc.), perform link-up of the elements of the piping system. They can also be used for the additional protection of the cable against mechanical defects and corrosion.



Explosion-proof plug

RIZUR-ZG

Explosion-proof plugs RIZUR-ZG are used for closing of the unused inlet ports of the explosion-proof housing. The plugs are manufactured with male thread in different design variants of the headpiece.



Drain/vent valve

RIZUR-DVK

Drain/vent valves RIZUR-DVK are used in the explosion-proof equipment; they combine two functions: condensation drainage and adjustment of the atmospheric pressure drops.

The valve is installed in the bottom part of the unit and thus prevents moisture accumulation inside the housing during seasonal and production-caused temperature changes.



Technical specifications

Explosion protection marking of the adapters, plugs, drain/vent valves	ExeIIICU/ExtbIIICU or ExeIIICU/ExIIICU/ExtbIIICU
Ingress protection	IP66, IP67, IP68
Operating temperature range	From -60 °C to +80 °C (standard) From -65 °C to +110 °C (upon a customer's request)
Material	Brass Nickel-plated brass Galvanized steel Stainless steel Anodized aluminium
Connection thread type	M - metric (GOST 24705-2004) R - tapered pipe thread (GOST 6211-81) G - straight pipe thread (GOST 6357-81) NPT – cone-shaped whitworth thread (GOST 6111-52)
O-ring material	Silicon rubber

Order code for the explosion-proof accessories

Ordering information: **RIZUR-AV - Exd - M20 - RN(G3/4) - N**

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1. Design variant	
RIZUR-AV	Explosion-proof adapter
RIZUR-ZG	Explosion-proof plug
RIZUR-DVK	Drain/vent valve
2. Explosion protection marking	
Exd	Explosion-proof housing Exd
Exe	Increased safety Exe
Exia	Intrinsic safety Exia
3. Connection thread	
M20	Thread M20
M25	Thread M25
M32	Thread M32
M_	Other - specify the thread size
X_	Specify the type (G/NPT) and thread size

4. External connection (for the adapter)	
MR (_)	For the metal hose (specify the dimensions)
RN (_)	Male thread (specify the type (M/G/NPT) and thread size)
RV (_)	Female thread (specify the type (M/G/NPT) and thread size)
5. Material	
A	Anodized aluminium
L	Brass
N	Nickel-plated brass
O	Galvanized steel
S	Stainless steel