

IP
CODE
E

Certificate of suitability according to International Protection IEC 60 529 (EN 60 529)

Adsorber MS-R

The IP Code indicates the suitability of electrical equipment for various ambient conditions and specifies the degree of protection provided against the ingress of solid foreign objects and water.

GIEBEL adsorbers are not electrical equipment and are therefore not covered by DIN EN 60529. Nevertheless, based on internal tests,

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hereby declares that the following adsorber:

Series: MS-R
Description: Stainless steel breathers without valves
Materials: Stainless steel 316L, FKM, GIEBEL Xdry

provides protection against the ingress of dust due to its filter discs.

IP 6... Protection against dust ingress (dustproof)
IP ...3 Protection water spray (arbitrary directions up to 60° deviation)

Accordingly, GIEBEL adsorbers of the MS-R series have the following declared protection:

IP 63

Issued by



Heinrich Laas

CEO **GIEBEL** Group
Bretzfeld, September 2026

GIEBEL