

Product information

Armaturen GmbH

M&S-Sight glasses and –lanterns general

M&S sight glasses and lanterns (cylinder sight glasses) are used for the visual observation of fluids (liquid media) in hygienic systems, e.g. in pipelines, in containers and apparatus.

The viscosity, colour, mixing ratios or flow behaviour of the respective fluid can be observed.

M&S manufactures sight glasses, cylinder sight glasses and sight glass fittings, which can be type-wise selected according to the customer's requirements and the desired information needs.

Cyl. sight glass and sight glass







Usage

Features

Versions

- For visual observation and optical control of fluids
 - * in pipelines, containers and apparatus with normal demands on hygienic properties.

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		Usage	Features	Versions
•	Sight glasses, cylinder sight glasses, sight glass fittings			
	*	Cleanable (CIP);		
	*	Safe to operate;		
	*	Cost-effective design;		
	*	Can be combined with	lightning equipment.	
•	Sight glass fittings			
	* Connection possibility for			
		 Valves (e.g. sam 	pling or venting);	
		Measuring instru	ments (e.g. pressure or temperature r	neasurement).
			M&S Armaturen GmbH	PI050020GB-Rev0/18.10.2021

	M ^{&} S		Product information
A	Armaturen GmbH	M&S-Sight glas	sses and –lanterns general
	Usage	Features	Versions
•	Sizes * Sight glass (figure 1)		
	 Sight glass (figure 1) ◆ DN 25 - 150; 		
	 ∗ Cylinder sight glass (lant ◆ DN 10 - 150; 	tern), (figure 2)	
	 Sight glass fitting (figure DN 25 - 100. 	3)	
•	Process connections		Fig. 1
	 Male parts according to * Welding ends (WW); 	DIN 11851 (MM);	
	• • • •	ecting elements from the	
•	Materials		
	* Housing		
	 ◆ 1.4301/AISI 304; ▲ 4404/AISI 2461 		
	 1.4404/AISI 316L. * Glass 		=
	 Borosilicate; 		
		red glass, not with the cylin-	
	 Gaskets (FDA compliant 	i): EPDM, FKM, NBR.	
•	Surfaces		
	* In contact with product F	•	Fig. 2
	 Not in contact with produ Other surfaces on result 	-	
_	Other surfaces on reque		
•	 Permissible working presssure * Sight glass and sight gla • 6 bar (DN 25 - 150) 	iss fitting	
	* Cylinder sight glass	,	
	♦ 10 bar (DN 10 - 65	i);	
	 ♦ 8 bar (DN 80); 		
	 ♦ 6 bar (DN 100); 		
	◆ 7 bar (DN 125 -1		
•	Permissible working temperatu		
	 Depending on gasket mage 	aterial and type of glass.	
•	Accessories		Fig. 3
	 Sight glass illumination of 	optional.	