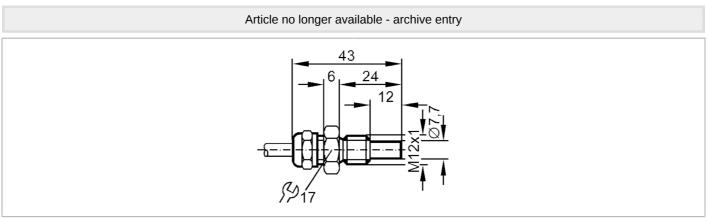
ST1210

Flow sensor for connection to an evaluation unit



STM12ABBE1



Application			
Application	Product characteristics	,	
Application	Process connection		M12 x 1
Medium temperature [°C] -2580 Pressure rating [bar] 30 Liquids Application Ex zone 1 Medium temperature [°C] -2580 Gases Medium temperature [°C] -2580 Electrical data Connection to control monitor VS 0100 EX Measuring/setting range Liquids Setting range [cm/s] 3300 Greatest sensitivity [cm/s] 360 Gases Setting range [cm/s] 51500 Accuracy / deviations Temperature gradient [K/min] 15 Response times [s] 110 Liquids Response time [s] 110 Gases Response time [s] 110 Operating conditions Protection IP 67	Application		
Pressure rating [bar] 30 Liquids Ex zone 1 Application Ex zone 1 Medium temperature [°C] -2580 Gases Gases Medium temperature [°C] -2580 Electrical data Connection to control monitor VS 0100 Ex Measuring/setting range Liquids Setting range Setting range [cm/s] 3300 Gases Setting range [cm/s] 360 Gases Setting range [cm/s] 51500 Accuracy / deviations Temperature gradient [K/min] 15 Response times [s] 110 Liquids Response time [s] 110 Gases Response time [s] 110 Operating conditions Protection [Potection	Application		Ex zone 1
Liquids Application	Medium temperature	[°C]	-2580
Application	Pressure rating	[bar]	30
Medium temperature [°C] -2580 Gases Medium temperature [°C] -2580 Electrical data Connection to control monitor VS 0100 EX Measuring/setting range Liquids Setting range [cm/s] 3300 Greatest sensitivity [cm/s] 3300 Gases Setting range [cm/s] 51500 Accuracy / deviations Temperature gradient [K/min] 15 Response times [s] 110 Liquids Response time [s] 110 Gases Response time [s] 110 Operating conditions Protection IP 67	Liquids		
Gases -2580 Electrical data VS 0100 EX Connection to control monitor VS 0100 EX Measuring/setting range Weasuring/setting range Liquids Setting range Greatest sensitivity [cm/s] Gases Setting range Setting range [cm/s] Accuracy / deviations Temperature gradient Temperature gradient [K/min] Response times [s] Response time [s] Liquids Response time [s] Gases Response time [s] Coperating conditions Protection IP 67	Application		Ex zone 1
Medium temperature [°C] -2580	Medium temperature	[°C]	-2580
Electrical data	Gases		
Connection to control monitor VS 0100 Ex Measuring/setting range Liquids 3300 Setting range [cm/s] 3300 Greatest sensitivity [cm/s] 360 Gases Setting range [cm/s] 51500 Accuracy / deviations Temperature gradient [K/min] 15 Response times [s] 110 Liquids Response time [s] 110 Gases Response time [s] 110 Operating conditions IP 67 IP 67	Medium temperature	[°C]	-2580
Measuring/setting range	Electrical data		
Liquids Setting range [cm/s] 3300 Greatest sensitivity [cm/s] 360 Gases Setting range [cm/s] 51500 Accuracy / deviations Temperature gradient [K/min] 15 Response times Response time [s] 110 Liquids Response time [s] 110 Gases Response time [s] 110 Goses Response time [s] 110 Operating conditions Protection [P 67	Connection to control mo	onitor	VS 0100 Ex
Setting range [cm/s] 3300 Greatest sensitivity [cm/s] 360 Gases 51500 Accuracy / deviations Temperature gradient [K/min] 15 Response times Response time [s] 110 Liquids 110 Gases 110 Gases 110 Operating conditions 110 Protection IP 67	Measuring/setting rang	je	
Greatest sensitivity [cm/s] 360 Gases 51500 Accuracy / deviations Temperature gradient [K/min] 15 Response times Response time [S] 110 Liquids Response time [S] 110 Gases Response time [S] 110 Operating conditions Protection IP 67	Liquids		
Gases 51500 Accuracy / deviations 51500 Temperature gradient [K/min] 15 Response times 8 Response time [s] 110 Liquids 110 Gases 110 Response time [s] 110 Operating conditions 110 Protection IP 67	Setting range	[cm/s]	3300
Setting range [cm/s] 51500 Accuracy / deviations 15 Temperature gradient [K/min] 15 Response times 110 Response time [s] 110 Liquids 110 Gases 110 Response time [s] 110 Operating conditions 110 Protection IP 67	Greatest sensitivity	[cm/s]	360
Accuracy / deviations Temperature gradient [K/min] 15 Response times Response time [s] 110 Liquids Response time [s] 110 Gases Response time [s] 110 Operating conditions Protection IP 67	Gases		
Temperature gradient [K/min] 15 Response times Response time [S] 110 Liquids 110 Gases Response time [S] 110 Operating conditions 110 Protection IP 67	Setting range	[cm/s]	51500
Response times Response time [s] 110 Liquids 110 Response time [s] 110 Gases 110 Response time [s] 110 Operating conditions IP 67	Accuracy / deviations		
Response time [s] 110 Liquids 110 Response time [s] 110 Gases 110 Response time [s] 110 Operating conditions Protection IP 67	Temperature gradient	[K/min]	15
Liquids Response time [s] 110 Gases 110 Response time [s] 110 Operating conditions Protection IP 67	Response times		
Response time [s] 110 Gases 110 Response time [s] 110 Operating conditions IP 67	Response time	[s]	110
Gases Response time [s] 110 Operating conditions Protection IP 67	Liquids		
Response time [s] 110 Operating conditions Protection IP 67	Response time	[s]	110
Operating conditions Protection IP 67	Gases		
Operating conditions Protection IP 67	Response time	[s]	110
Protection IP 67	Operating conditions		
	Protection		IP 67
	Mechanical data		
Housing threaded type	Housing		threaded type

ST1210

Flow sensor for connection to an evaluation unit



STM12ABBE1

GN =

WH =

YE =

green

white

yellow

Dimensions	[mm]	$M12 \times 1 / L = 43$		
Thread designation		M12 x 1		
Materials		stainless steel (316Ti/1.4571)		
Process connection		M12 x 1		
Remarks				
Pack quantity		1 pcs.		
Electrical connection				
Cable: 2 m, Silflex-PUR; Maxi	mum cable length: 100	m; 4 x 0.25 mm ²		
Connection				
Core colo: BN = brown	urs :	YE GN WH		