

FCS Series Flow Conditioner



FCS Series - Ordering Codes

Flow Conditioners are required for custody transfer and/or when the piping configuration does not permit the installation of long metering runs.

M&T's flow conditioners (FCS series) are designed to ensure constant flow meter performance. Inserted at the upstream end of a 7D upstream spool they have a "top hat" fixing design which minimises the risk of any materials breaking free and causing downstream damage.

The design is more efficient than a tube bundle design for the elimination of swirl while having a much lower pressure drop.

The chart below can be used to select the correct flow conditioner for your application (if required).

FCS		FCS		Product Line		
↓	03	3"/DN80		↓	Flow Conditioner Size	
	04	4"/DN100				
	06	6"/DN150				
	08	8"/DN200				
	10	10"/DN250				
	12	12"/DN300				
	16	16"/DN400				
	↓	A	150# ANSI RF Flanges			↓
B		300# ANSI RF Flanges				
C		600# ANSI RF Flanges				
D		Other (please contact us)				
↓		BODY	FLANGES	↓	Spool Piece Construction Materials	
	1	CS A106	CS A105			
	2	LTCS A333 Gr6	LTCS A350 LF2			
	3	SS 316L	SS 316L			
↓	1	SS 304 (Standard)		↓	Flow Straightening Vane Material	
	2	SS 316 L (Optional)				
	O	Other (please contact us)				
↓	AC	Cross plate, removable top hat (Standard)		↓	Vane Type and Mounting	
	O	Other (please contact us)				
↓	1	7 Diameter long (Standard)		↓	Flow Conditioner Length	
	2	10 Diameter long (Optional)				
	3	Specific				
↓	1	2 Diameter long (Standard)		↓	Flow Straightening Vane Length	
	O	Other (please contact us)				
↓		↓		↓		
FCS	10	A	1	1	AC	1 1
Example Product Code						

