

Temperature Measurement

SITRANS TS

Conversion assistance old appliance

2

Old						New																		
	Length	Material	Number of sensors + Ex		Connection head		Material		PA weights	PA characteristic	Thermowell form	Length of 1st digit	Length of 2nd digit	.	Neck tube	Connection side	Sensor type	Number of sensors			Ex protection			
7MC1006-	■	D	■	1	■		7MC751	1	-	1	C	A	■	■	-	0	■	A	■					
	1												0	1										
	2												0	4										
	3												1	0										
	4												2	0										
	5												3	1										
			A																1					
			B																5					
			E																1		-Z	E01		
			F																5		-Z	E01		
					1													A						
					4													B						
					6													C						
					7													-						
7MC1007-	■	D	■	1	■		7MC751	1	-	1	C	A	■	■	-	1	■	C	■					
	5												0	4										
	6												1	2										
	7												2	2										
			A																1					
			B																5					
			E																1		-Z	E01		
			F																5		-Z	E01		
					1													A						
					4													B						
					6													C						
					7													-						
	7MC1008-	■	D	■	1	■			7MC751	1	-	1	E	B	■	■	-	1	■	C	■			
		6													0	4								
7													1	2										
			A																1					
			B																5					
					1												A							
					4												B							
					6												C							
					7												-							

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	Length	Material	Number of sensors + Ex		Connection head		Material		PA weights	PA characteristic	Thermowell form	Length of 1st digit	Length of 2nd digit	.	Neck tube	Connection side	Sensor type	Number of sensors			Ex protection		
7MC1010-				2	*		7MC752		-	0	N			0	-			C					
	1										A	0				1							
	2										A	0				9						N2D: X45 {Y45:209 mm}	
	3										A	0				9						N2D: X45 {Y45:179 mm}	
	4										B	0				1							
	5										B	0				9						N2D: X45 {Y45:179 mm}	
	6										D	0				1							
	7										D	0				9						N2D: X45 {Y45:179 mm}	
	8										E	0				9						N1D: X45 {Y45:119 mm}	
		G						3															
		F						1															
			A																1				
			B																5				
			E																1		-Z	E01	
			F																5		-Z	E01	
					1													A					
					4													B					
					6													C					
					7													-					
7MC1017-		F		1			7MC751	1	-	2	A	B			-	9		C			N2D: X45 {Y45:129 mm}		
	1											0	4										
	2											1	2										
			A																1				
			B																5				
			E																1		-Z	E01	
			F																5		-Z	E01	
					1													A					
					4													B					
					6													C					
7MC1041-		F		0			7MC751	1	-	2	A	K			-	1		C					
	1											1	1										
	2											1	4										
	3											1	7										
		A	A																1				
		A	B																5				
		E	A																1		-Z	E01	
		E	B																5		-Z	E01	
					1													A					
					4													B					
				6												C							
				7												-							

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Old							New															
	Length		Number of sensors		Connection head		Diameter		Measuring insert type	Sensor	Number of sensors	Length of 1st digit	Length of 2nd digit							Ex protection		
7MC1900-	■	E	A				7MC701	8	-	1	C	A	■	■								
	1												3	3								
	2												4	1								
	3												4	7						-Z	Y44: B=1025 mm	
	4												4	7						-Z	Y44: B=1425 mm	
7MC1910-	■	J	■				7MC701	6	-	1	C	■	■	■								
	1												1	3								
	2												1	7								
	3												2	1								
	4												2	3								
	5												2	5								
	6												2	7								
	7												3	5								
	8												2	0								
			A									A										
			B									D										
7MC1913-	■	A	■	■	2		7MC701	6	-	1	C	■	■	■						-Z	E01	
	1												1	3								
	2												1	7								
	3												2	1								
	4												2	3								
	5												2	5								
	6												2	7								
	7												2	0								
	8												3	5								
			A	2								A										
			B	1								D										

Old						New													
	Length	Type of cable	External diameter of sheath				External diameter of sheath	Nominal length	Sensor	Number of sensors	Connection side								Ex-protection
7MC2027-	■	■	A	■	0		7MC711	1	-	■	■	K	1	1	-	0	A	A	0
	1								B										
	2								D									-Z	Y44: U=300 mm
	3								D									-Z	J03
		A																-Z	S03
		B																-Z	L03
		C																	
				1					-										
				2					-										
				3					-										
				4					-										

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[illegible]