

Safety Instructions

Levelflex FMP50-FMP57

PROFIBUS PA, FOUNDATION Fieldbus

Associated Safety Instructions (XA) on page 4



Levelflex FMP50-FMP57

PROFIBUS PA, FOUNDATION Fieldbus

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Associated documentation

This document is an integral part of the following Safety Instructions:

ATEX, IECEX:
XA00523F/00

UK:
XA02536F/00

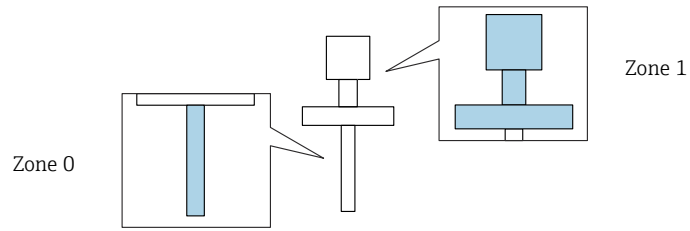
NEPSI:
XA00645F/00

EAC:
XA01699F/00

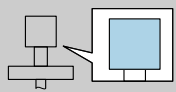
KC:
XA01986F/00

**Zone 0, Zone 1: Compact;
1 channel**

Probe design: compact
Position 3 = E, G: 1 channel used



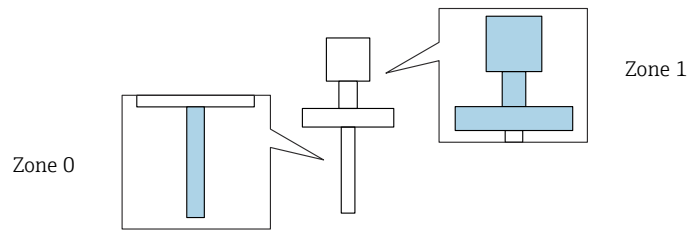
FMP5x

 = B, C	(1)	P1		P2		P3		P4		P5		P6	
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a ¹⁾	T _p	T _a ¹⁾	T _p	T _a
	E, G	T6	-20	60	60	60	60	60	-40	-20	-40	-	-
		T5	-20	75	60	75	60	75	-40	-20	-40	-	-

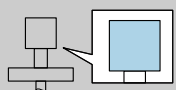
1) FMP50, FMP53: without remote sensor = -20 °C

**Zone 0, Zone 1: Compact;
2 channels**

Probe design: compact
Position 3 = E, G: 2 channels used



FMP5x

 = B, C	(2)	P1		P2		P3		P4		P5		P6	
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a ¹⁾	T _p	T _a ¹⁾	T _p	T _a
	E, G	T6	-20	60	60	60	60	60	-40	-20	-40	-	-
		T5	-20	75	60	75	60	75	-40	-20	-40	-	-

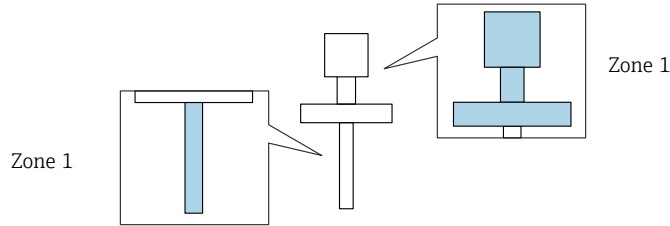
1) FMP50, FMP53: without remote sensor = -20 °C

Zone 1: Compact; 1 channel

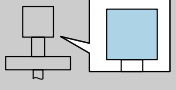
Probe design: compact
 Position 3 = E, G: 1 channel used

Page references to the temperature tables of the respective device types: See the following list.

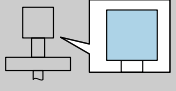
- FMP50 → 6
- FMP51 → 6
- FMP52 → 7
- FMP53 → 7
- FMP54 → 8
- FMP55 → 10
- FMP56 → 10
- FMP57 → 11

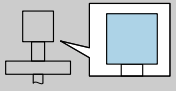


FMP50

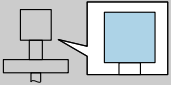
 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-20	60	60	60	80	56	80	-20	-20	-20	-	-

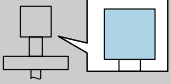
FMP51

 = B	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	51	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	66	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	67	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	48	200	-40	-40	-40	-	-

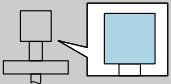
 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	53	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	68	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	69	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	56	200	-40	-40	-40	-	-

FMP52

 = B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	T6	-40	60	60	60	85	52	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	67	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	68	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	52	200	-40	-40	-40	-	-

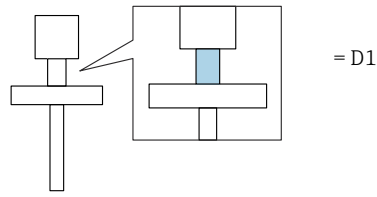
 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	70	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	58	200	-40	-40	-40	-	-

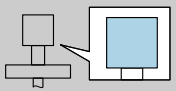
FMP53

 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	T6	-20	60	60	60	85	54	85	-20	-20	-20	-	-
		T5	-20	75	75	75	100	69	100	-20	-20	-20	-	-
		T4	-20	80	80	80	135	69	135	-20	-20	-20	-	-
		T3 ¹⁾	-20	80	80	80	150	66	150	-20	-20	-20	-	-

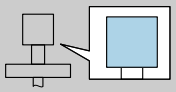
1) Functional: Maximum permissible process temperature

FMP54



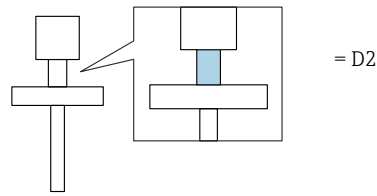
 = B	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	56	85	-40	-40	-40	-196	-16
		T5	-196	75	75	75	100	71	100	-40	-40	-40	-196	-16
		T4	-196	80	80	80	135	73	135	-40	-40	-40	-196	-16
		T3	-196	80	80	80	200	64	200	-40	-40	-40	-196	-16
		T2 ¹⁾	-196	80	80	80	280	54	280	-40	-40	-40	-196	-16

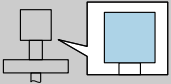
1) Functional: Maximum permissible process temperature

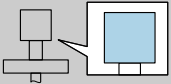
 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	57	85	-40	-40	-40	-196	-23
		T5	-196	75	75	75	100	72	100	-40	-40	-40	-196	-23
		T4	-196	80	80	80	135	75	135	-40	-40	-40	-196	-23
		T3	-196	80	80	80	200	68	200	-40	-40	-40	-196	-23
		T2 ¹⁾	-196	80	80	80	280	60	280	-40	-40	-40	-196	-23

1) Functional: Maximum permissible process temperature

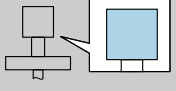
FMP54

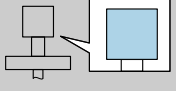


 = B	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	57	85	-40	-40	-40	-196	-26
		T5	-196	75	75	75	100	72	100	-40	-40	-40	-196	-26
		T4	-196	80	80	80	135	76	135	-40	-40	-40	-196	-26
		T3	-196	80	80	80	200	71	200	-40	-40	-40	-196	-26
		T2	-196	80	80	80	300	64	300	-40	-40	-40	-196	-26
		T1	-196	80	80	80	450	52	450	-40	-40	-40	-196	-26

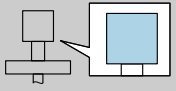
 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	58	85	-40	-40	-40	-196	-27
		T5	-196	75	75	75	100	73	100	-40	-40	-40	-196	-27
		T4	-196	80	80	80	135	76	135	-40	-40	-40	-196	-27
		T3	-196	80	80	80	200	72	200	-40	-40	-40	-196	-27
		T2	-196	80	80	80	300	65	300	-40	-40	-40	-196	-27
		T1	-196	80	80	80	450	54	450	-40	-40	-40	-196	-27

FMP55

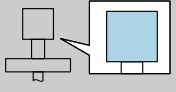
 = B	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	52	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	67	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	68	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	52	200	-40	-40	-40	-	-

 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	69	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	57	200	-40	-40	-40	-	-

FMP56

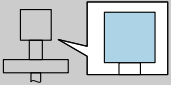
 = B	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	51	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	66	100	-40	-40	-40	-	-
		T4 ¹⁾	-40	80	80	80	120	71	120	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

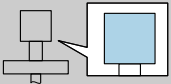
 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4 ¹⁾	-40	80	80	80	120	72	120	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

FMP57

 = B	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	53	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	68	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	69	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	185	60	185	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	55	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	70	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	71	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	185	64	185	-40	-40	-40	-	-

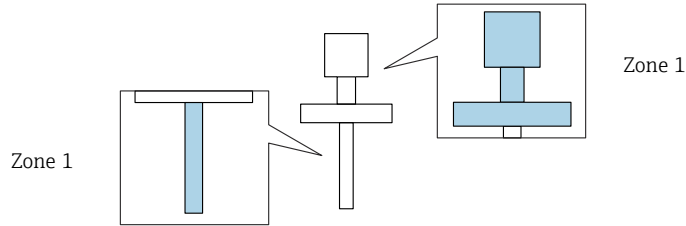
1) Functional: Maximum permissible process temperature

Zone 1: Compact; 2 channels

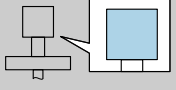
Probe design: compact
 Position 3 = E, G: 2 channels used

Page references to the temperature tables of the respective device types: See the following list.

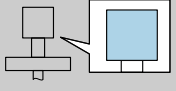
- FMP50 → 12
- FMP51 → 12
- FMP52 → 13
- FMP53 → 13
- FMP54 → 14
- FMP55 → 16
- FMP56 → 16
- FMP57 → 17

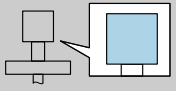


FMP50

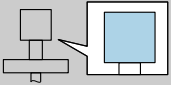
 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-20	60	60	60	80	56	80	-20	-20	-20	-	-

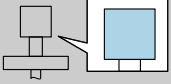
FMP51

 = B	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	51	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	66	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	61	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	45	200	-40	-40	-40	-	-

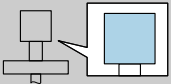
 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	53	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	68	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	63	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	50	200	-40	-40	-40	-	-

FMP52

 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	T6	-40	60	60	60	85	52	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	67	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	62	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	47	200	-40	-40	-40	-	-

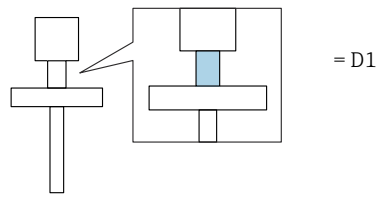
 = C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	64	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	52	200	-40	-40	-40	-	-

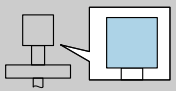
FMP53

 = C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	T6	-20	60	60	60	85	54	85	-20	-20	-20	-	-
		T5	-20	75	75	75	100	69	100	-20	-20	-20	-	-
		T4	-20	75	75	75	135	63	135	-20	-20	-20	-	-
		T3 ¹⁾	-20	75	75	75	150	60	150	-20	-20	-20	-	-

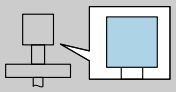
1) Functional: Maximum permissible process temperature

FMP54



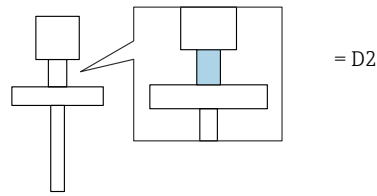
 = B	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	56	85	-40	-40	-40	-196	-16
		T5	-196	75	75	75	100	71	100	-40	-40	-40	-196	-16
		T4	-196	75	75	75	135	67	135	-40	-40	-40	-196	-16
		T3	-196	75	75	75	200	59	200	-40	-40	-40	-196	-16
		T2 ¹⁾	-196	75	75	75	280	48	280	-40	-40	-40	-196	-16

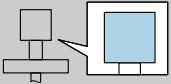
1) Functional: Maximum permissible process temperature

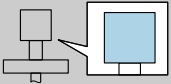
 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	57	85	-40	-40	-40	-196	-23
		T5	-196	75	75	75	100	72	100	-40	-40	-40	-196	-23
		T4	-196	75	75	75	135	69	135	-40	-40	-40	-196	-23
		T3	-196	75	75	75	200	63	200	-40	-40	-40	-196	-23
		T2 ¹⁾	-196	75	75	75	280	55	280	-40	-40	-40	-196	-23

1) Functional: Maximum permissible process temperature

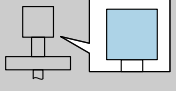
FMP54

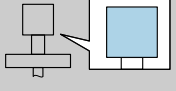


 = B	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	57	85	-40	-40	-40	-196	-26
		T5	-196	75	75	75	100	72	100	-40	-40	-40	-196	-26
		T4	-196	75	75	75	135	71	135	-40	-40	-40	-196	-26
		T3	-196	75	75	75	200	66	200	-40	-40	-40	-196	-26
		T2	-196	75	75	75	300	58	300	-40	-40	-40	-196	-26
		T1	-196	75	75	75	450	47	450	-40	-40	-40	-196	-26

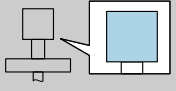
 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-196	60	60	60	85	58	85	-40	-40	-40	-196	-27
		T5	-196	75	75	75	100	73	100	-40	-40	-40	-196	-27
		T4	-196	75	75	75	135	71	135	-40	-40	-40	-196	-27
		T3	-196	75	75	75	200	66	200	-40	-40	-40	-196	-27
		T2	-196	75	75	75	300	59	300	-40	-40	-40	-196	-27
		T1	-196	75	75	75	450	49	450	-40	-40	-40	-196	-27

FMP55

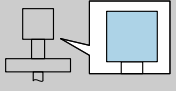
 = B	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	52	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	67	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	62	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	47	200	-40	-40	-40	-	-

 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	63	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	51	200	-40	-40	-40	-	-

FMP56

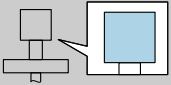
 = B	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	51	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	66	100	-40	-40	-40	-	-
		T4 ¹⁾	-40	75	75	75	120	65	120	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

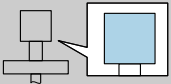
 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4 ¹⁾	-40	75	75	75	120	66	120	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

FMP57

 = B	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	53	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	68	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	63	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	185	54	185	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	T6	-40	60	60	60	85	55	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	70	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	65	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	185	58	185	-40	-40	-40	-	-

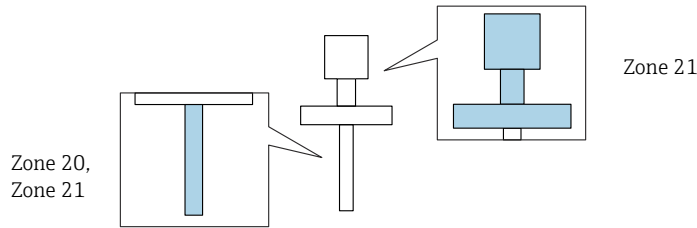
1) Functional: Maximum permissible process temperature

Zone 20/21, Zone 21:
Compact; 1 channel

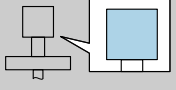
Probe design: compact
 Position 3 = E, G: 1 channel used

Page references to the temperature tables of the respective device types: See the following list.

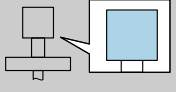
- FMP50 → 18
- FMP51 → 18
- FMP52 → 19
- FMP53 → 19
- FMP54 → 20
- FMP55 → 21
- FMP56 → 21
- FMP57 → 21



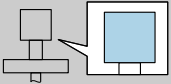
FMP50

 = C	(1)	P1		P2		P3		P4		P5		P6	
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	80	-20	80	80	80	80	80	-20	-20	-20	-	-

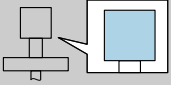
FMP51

 = B, C	(1)	P1		P2		P3		P4		P5		P6	
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	135	-40	80	80	135	67	135	-40	-40	-40	-	-
		200	-40	80	80	200	48	200	-40	-40	-40	-	-

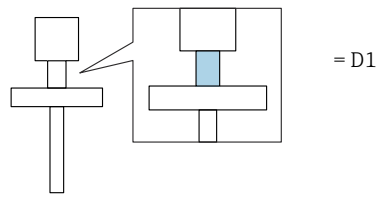
FMP52

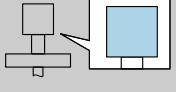
 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	80	80	80	135	68	135	-40	-40	-40	-	-
		200	-40	80	80	80	200	52	200	-40	-40	-40	-	-

FMP53

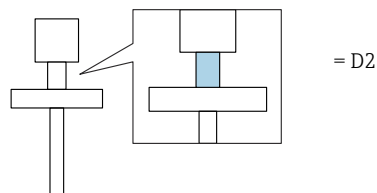
 = C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-20	80	80	80	135	69	135	-20	-20	-20	-	-
		150	-20	80	80	80	150	66	150	-20	-20	-20	-	-

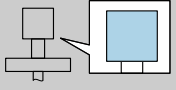
FMP54



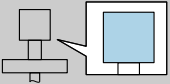
 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	80	80	80	135	73	135	-40	-40	-40	-	-
		200	-40	80	80	80	200	64	200	-40	-40	-40	-	-
		280	-40	80	80	80	280	54	280	-40	-40	-40	-	-

FMP54

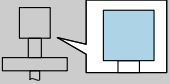


 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	80	80	80	135	76	135	-40	-40	-40	-	-
		200	-40	80	80	80	200	71	200	-40	-40	-40	-	-
		300	-40	80	80	80	300	64	300	-40	-40	-40	-	-
		450	-40	80	80	80	450	52	450	-40	-40	-40	-	-

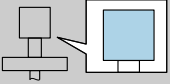
FMP55

 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	80	80	80	135	68	135	-40	-40	-40	-	-
		200	-40	80	80	80	200	52	200	-40	-40	-40	-	-

FMP56

 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	120	-40	80	80	80	120	71	120	-40	-40	-40	-	-

FMP57

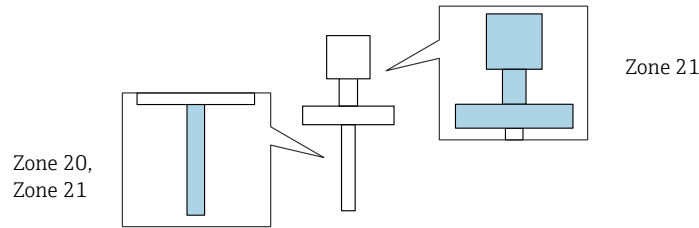
 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	80	80	80	135	69	135	-40	-40	-40	-	-
		185	-40	80	80	80	185	60	185	-40	-40	-40	-	-

Zone 20/21, Zone 21:
Compact; 2 channels

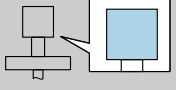
Probe design: compact
 Position 3 = E, G: 2 channels used

Page references to the temperature tables of the respective device types: See the following list.

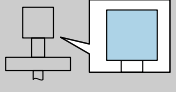
- FMP50 → 22
- FMP51 → 22
- FMP52 → 23
- FMP53 → 23
- FMP54 → 24
- FMP55 → 25
- FMP56 → 25
- FMP57 → 25



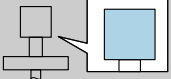
FMP50

 = C	(2)	P1		P2		P3		P4		P5		P6	
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	E, G	75	-20	75	75	75	75	75	-20	-20	-20	-	-

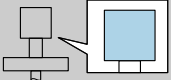
FMP51

 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	75	75	75	135	61	135	-40	-40	-40	-	-
		200	-40	75	75	75	200	45	200	-40	-40	-40	-	-

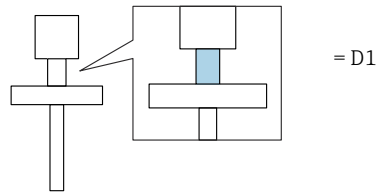
FMP52

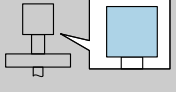
 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	75	75	75	135	62	135	-40	-40	-40	-	-
		200	-40	75	75	75	200	47	200	-40	-40	-40	-	-

FMP53

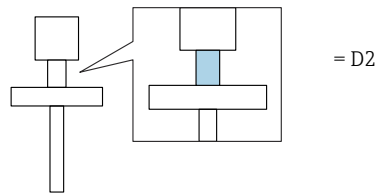
 = C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-20	75	75	75	135	63	135	-20	-20	-20	-	-
		150	-20	75	75	75	150	60	150	-20	-20	-20	-	-

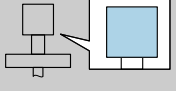
FMP54



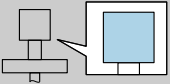
 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	75	75	75	135	67	135	-40	-40	-40	-	-
		200	-40	75	75	75	200	59	200	-40	-40	-40	-	-
		280	-40	75	75	75	280	48	280	-40	-40	-40	-	-

FMP54

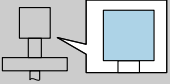


 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	75	75	75	135	71	135	-40	-40	-40	-	-
		200	-40	75	75	75	200	66	200	-40	-40	-40	-	-
		300	-40	75	75	75	300	58	300	-40	-40	-40	-	-
		450	-40	75	75	75	450	47	450	-40	-40	-40	-	-

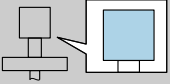
FMP55

 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	75	75	75	135	62	135	-40	-40	-40	-	-
		200	-40	75	75	75	200	47	200	-40	-40	-40	-	-

FMP56

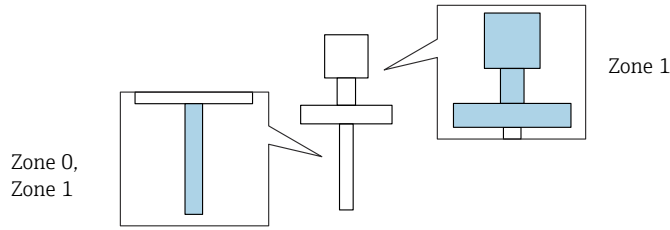
 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	120	-40	75	75	75	120	65	120	-40	-40	-40	-	-

FMP57

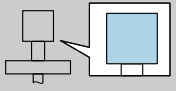
 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	
	E, G	135	-40	75	75	75	135	63	135	-40	-40	-40	-	-
		185	-40	75	75	75	185	54	185	-40	-40	-40	-	-

**Zone 0/1, Zone 1: Remote;
1 channel**

Probe design: remote
Position 3 = E, G: 1 channel used
Optional specification, ID Mx = MB, MC, MD



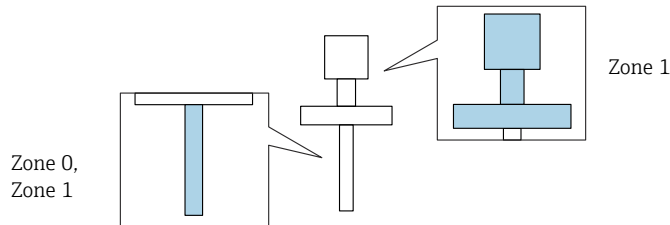
FMP5x

 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	
	E, G	T6	-	60	-	60	-	60	-	-40	-	-40	-	-
		T5	-	75	-	75	-	75	-	-40	-	-40	-	-

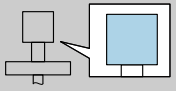
1) T_p = dependent on the sensor

**Zone 0/1, Zone 1: Remote;
2 channels**

Probe design: remote
Position 3 = E, G: 2 channels used
Optional specification, ID Mx = MB, MC, MD



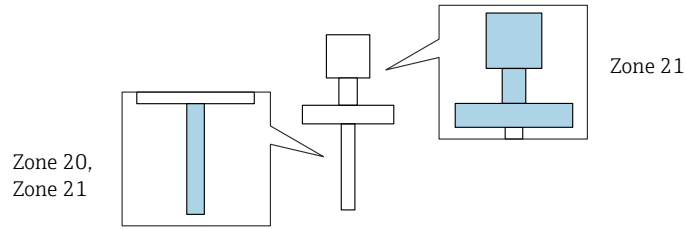
FMP5x

 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	
	E, G	T6	-	60	-	60	-	60	-	-40	-	-40	-	-
		T5	-	75	-	75	-	75	-	-40	-	-40	-	-

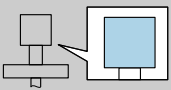
1) T_p = dependent on the sensor

Zone 20/21, Zone 21:
Remote; 1 channel

Probe design: remote
 Position 3 = E, G: 1 channel used
 Optional specification, ID Mx = MB, MC, MD



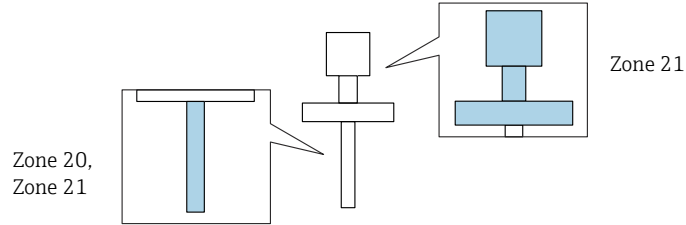
FMP5x

 = B, C	(1)	P1		P2		P3		P4		P5		P6		
		$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	
	E, G	80	-	80	-	80	-	80	-	-40	-	-40	-	-

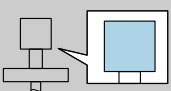
1) T_p = dependent on the sensor

Zone 20/21, Zone 21:
Remote; 2 channels

Probe design: remote
 Position 3 = E, G: 2 channels used
 Optional specification, ID Mx = MB, MC, MD



FMP5x

 = B, C	(2)	P1		P2		P3		P4		P5		P6		
		$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	$T_p^{1)}$	T_a	
	E, G	75	-	75	-	75	-	75	-	-40	-	-40	-	-

1) T_p = dependent on the sensor



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