

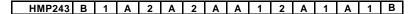
## **HMP243 Dewpoint and Temperature Transmitter**

Dewpoint and tempera	ture transmitter	HMP243												Ī	PRICE
Transmitter type	RH+T+Td+dT	В													
	RH+T+Td+a+Tw+x+dT	D													
Display	no display		1											ľ	
	display on transmitter co	ver	2												
Dewpoint probe	2 m cable		A											ľ	
cable length	5 m cable		В												
· ·	10 m cable		С												
Temperature probe	2 m cable			2										•	
cable lengh	5 m cable			3											
	10 m cable			4											
Serial interface	RS 232C				Α										
	RS 485/RS 422			I	В										
	digital current loop			(	С										
Sensor protection	sintered stainless steel	filter (16452)			1										
	PPS plastic grid & stain		ng (16720	HM)	2		I								
Analog output	420 mA	·				Α	Α								
signals	020 mA					В	В								
(Ch1 and Ch2)	01 V					С	С								
	05 V					D	D								
	010 V					Ε	Е								
			cha	nnel 1											
			cha	nnel 2											
Parameters for the	RH (0100 %RH)							1	1						
analog outputs	T (range: see belo	ow)						2	2						
(Ch1 and Ch2)	Td (-40+100 °C)		(-40+2°	12 °F)				3	3						
	a (0600 g/m3)		(0262	gr/ft3)				4	4						
	Tw (0100 °C)		(+32+2	12 °F)				5	5						
	x (0500 g/kg d.a	ı.)	(03500		d.a.)			6	6						
	dT (-10+50 °C)		(-18+90					7	7						
				nnel 1											
			cha	nnel 2											
Analog output range		-40+140 °F)								Α					
for temperature	•	-40+248 °F)								В					
	•	-40+356 °F)								С					
	•	+32+248 °F)								D					
		+32+356 °F)								Е					
Unite /least -!!!-		+32+212 °F)								F	ا ر ا				
Units (local display	metric										1				
and serial interface) Installation kit for	non-metric										2	١ , ١			
	no	; hood)										A B			
duct mounting	yes: 1 kit (for one sensor yes: 2 kits (for both sensor	,										C			
Re-gaining option	,	oi neaus)										U	ا ۱	ŀ	
ixe-gaining option	no												1 2		
Manual language	yes No manual												4	,	
manual language	English													A B	
	German													C	
	German												TOT		
														ΣΤΥ	
											Т	OTAL			
												~ · / \L	. v / \L	$\sim$ $\sim$	

Selections in bold are included in the prices of the basic versions.

Selections in italic are available at an extra price.

Example of order code with typical settings:



End customer:



**HMP243 Dewpoint Transmitter** 

Dewpoint transmitter	r	HMP	243			1							Α					PRICE
Transmitter type	Td		F															
	Td + x		G															
Display	no display			1														
		ansmitter cover		2														
Dewpoint probe	2 m cable				Α													
cable length	5 m cable				В													
0 : 1:	10 m cable				С	1												
Serial interface	RS 232C	400					Α											
	RS 485/RS 4						В											
0	digital currei	<u> </u>	(101E0)				С	١. ١										
Sensor protection		inless steel filter ( grid & stainless s		ng (1	6720	HM)		1 2										
Analog output	420 mA	<u> </u>							Α	Α								
signals	020 mA								В	В								
(Ch1 and Ch2)	01 V								С	С								
	05 V								D	D								
	010 V								Ε	Ε								
				_	chan													
					chan	nel:	2											
Parameters for the	Td (	-40+100 °C)	(-40+2	212 °F	-)						3	3						
analog outputs	х (	0500 g/kg d.a.)	(0350								6	6						
(Ch1 and Ch2)					chan													
					chan	nel:	2						Α					
Units (local display	metric													1				
and serial interface)	non-metric													2				
Installation kit for	no														Α			
duct mounting	yes														В			
Re-gaining option	no															1		
	yes															2		
Manual language	No manual																Α	
	English																В	
	German															TO	C	
																_	TAL	
Calcations in hald a	ية المماييطوط الم	the prices of the	haaia was	olors	_									т/	\T ^ !		ΣΤΥ	
Selections in bold at		•	Dasic ver	sions	<b>.</b>									10	JIAI	_ VAI	UE	

Selections in italic are available at an extra price.

End customer:

HMP243  F   1   A   1   A   2   A   A   3   3   A   1   A   1   I	A   1   B
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## **HMP247 Dewpoint and Temperature Transmitter**

Dewpoint and tempera	ture transmitter HMP247			PRICE
Transmitter type	RH+T+Td+dT B B			
	RH+T+Td+a+Tw+x+dT D			
Display	no display 1			
	display on transmitter cover 2			
Dewpoint probe	2 m cable A			
cable length	5 m cable B			
	10 m cable C			
Temperature probe	2 m cable			
cable lengh	5 m cable 3			
O - vi - Linta vi	10 m cable 4			
Serial interface	RS 232C RS 485/RS 422			
Sensor protection				
Sensor protection	sintered stainless steel filter (16452) 1 PPS plastic grid & stainless steel netting (16720HM) 2			
Analog output				
signals	420 mA no connector A A A O O O O O O O O O O O O O O O O		I	
(Ch1 and Ch2)	01 V no connector C C C		I	
and connectors	05 V no connector D D D			
and connectors	010 V no connector E E			
NOTE:	420 mA with shared connector for output and power supply		I	
Choose connector	020 mA with shared connector for output and power supply G G G			
for both channels	01 V with shared connector for output and power supply H H H			
	05 V with shared connector for output and power supply J J			
	010 V with shared connector for output and power supply KKK			
	channel 1			
	channel 2			
Parameters for the	RH (0100 %RH) 1 1			
analog outputs	T (range: see below) 2 2			
(Ch1 and Ch2)	Td (-40+100 °C) (-40+212 °F) 3 3			
	a (0600 g/m3) (0262 gr/ft3) 4 4			
	Tw (0100 °C) (+32+212 °F) 5 5			
	x (0500 g/kg d.a.) (03500 gr/lb d.a.) 6 6			
	dT (-10+50 °C) (-18+90 °F) 7 7 7			
	channel 1			
	channel 2			
Analog output range	· · · · · · · · · · · · · · · · · · ·		I	
for temperature	-40+120 °C (-40+248 °F) B		I	
	-40+180 °C (-40+356 °F) C		I	
	0+120 °C (+32+248 °F) D		I	
	0+180 °C (+32+356 °F) E		I	
Unite (least display	0+100 °C (+32+212 °F) F	.	I	
Units (local display	metric 1		I	
and serial interface)		2 ,	I	
Installation kit for duct mounting	no yes: 1 kit (for one sensor head)	A B	I	
auct mounting	yes: 2 kits (for both sensor heads)	C	I	
Re-gaining option	no	U	<sub>1</sub>	
No-gailing option			1 2	
Manual language	yes No manual		A	
manual language	English		В	
	German		C	
	UGTINAN		TOTAL	
			QTY	
		ΤΟΤΔΙ	VALUE	
	a included in the prices of the basic versions		.,,	

Selections in bold are included in the prices of the basic versions.

Selections in italic are available at an extra price.

HMP247	В	1	Α	2	Α	1	Α	Α	1	2	В	1	Α	1	В
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End customer:	



**HMP247 Dewpoint Transmitter** 

Dewpoint transmitter		НМР	247			1							Α					PRICE
Transmitter type	Td		F															
	Td + x		G														l	
Display	no display			1														
	display on trar	nsmitter cover		2														
Dewpoint probe	2 m cable				Α													
cable length	5 m cable				В													
	10 m cable				С	1											ļ	
Serial interface	RS 232C						Α											
	RS 485/RS 42	22					В											
	current loop						С										l	
Sensor protection		less steel filter (						1										
		rid & stainless s	teel netti	ng (1	6720	OHM)		2										
Analog output	420 mA	no connector							Α	Α								
signals	020 mA	no connector							В	В								
(Ch1 and Ch2)	01 V	no connector							С	С								
and connectors	05 V	no connector							D	D								
	010 V	no connector							Е	Е								
NOTE:	420 mA	with shared connecte	or for output a	and pov	ver sup	oply			F	F								
Choose connector	020 mA	with shared connecte	or for output a	and pov	ver sup	oply			G	G								
for both channels	01 V	with shared connecte	or for output a	and pov	ver sup	oply			Η	Н								
	05 V	with shared connecte							J	J								
	010 V	with shared connecte	or for output a	and pov					K	K								
						nnel												
						nnel :	2										l	
Parameters for the		0+100 °C)	(-40+2		•						3	3						
analog outputs	x (0.	500 g/kg d.a.)	(0350								6	6						
(Ch1 and Ch2)						nnel												
					char	nnel :	2						Α					
Units (local display	metric													1				
and serial interface)	non-metric													2				
Installation kit for	no														Α			
duct mounting	yes														В			
Re-gaining option	no															1		
	yes															2		
Manual language	No manual																Α	
	English																В	
	German																С	
																TO		
														_			YTÇ	
Selections in bold ar	e included in t	•	basic ver	sion	s.									T	JATC	_ VAI	_UE	

Selections in italic are available at an extra price.

End customer:		



## **HMP243 Meteorological Installation Kit**

Meteorological installation kit HMP243MIK				PRICE
No Td sensor head beam & no shield	1			
Td sensor head beam & shield	2			
No shield for transmitter housing		4		
Shield for transmitter housing	E	3		
No beam mounting kit		1		
Beam mounting kit		2	<u> </u>	
No T sensor head beam & no radiation shield			Α	
T sensor head beam with DTR13 radiation shield			В	
T sensor head beam with DTR502 radiation shield			С	
T sensor head beam with sensor head support bar for	D7	R1:	3 D	
T sensor head support bar only for DTR13			Ε	
T sensor head beam with sensor head support bar for	<sup>-</sup> D7	R50	0∠ F	
T sensor head support bar only for DTR502			G	
		TO	TAL	
		(	QTY	
TO <sup>-</sup>	ΓAL	VA	LUE	

	HMP243MIK  2   B   2   B
End customer:	