

Ordering code DMK 457

DMK 457

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Pressure																				
	in bar, gauge	5	9	0																
	in bar, absolute	5	9	1																
	in mH ₂ O, gauge	5	9	2																
	in mH ₂ O, absolute	5	9	3																
Input		[mH ₂ O]	[bar]																	
	4	0.4		4	0	0	0													
	6	0.6		6	0	0	0													
	10	1.0		1	0	0	1													
	16	1.6		1	6	0	1													
	25	2.5		2	5	0	1													
	40	4.0		4	0	0	1													
	60	6.0		6	0	0	1													
	100	10		1	0	0	2													
	160	16		1	6	0	2													
	250	25		2	5	0	2													
	400	40		4	0	0	2													
	600	60		6	0	0	2													
	100			1	0	0	3													
	160			1	6	0	3													
	250			2	5	0	3													
	400			4	0	0	3													
	600			6	0	0	3													
	-1 ... 0			X	1	0	2													
	customer			9	9	9	9													consult
Output																				
	4 ... 20 mA / 2-wire							1												
	Intrinsic safety 4 ... 20 mA / 2-wire							E												
	customer							9												consult
Accuracy																				
	0.5 %							5												
	customer							9												consult
Electrical connection																				
	Male and female plug ISO 4400 (for cable Ø 4...6 mm)									G	1	0								
	Male and female plug ISO 4400 GL (for cable Ø 10...14 mm)	^{1,2}								G	0	0								
	Male and female plug ISO 4400 GL (for cable Ø 4.5...11 mm)	^{1,2}								G	0	1								
	Cable outlet (TPE-U-cable)	³								T	R	3								
	Field housing stainless steel									8	8	0								
	Submersible version (1.4404 / 316L)									T	T	3								
	with TPE-U-cable	³																		
	Submersible version (CuNiFe)									T	S	3								
	with TPE-U-cable	³																		
	customer							9	9	9										consult
Mechanical connection																				
	G1/2" DIN 3852							1	0	0										
	G1/2" EN 837							2	0	0										
	G1/4" DIN 3852							3	0	0										
	G1/4" EN 837							4	0	0										
	G1/2" DIN 3852 open pressure port	⁴						H	0	0										
	1/2" NPT							N	0	0										
	1/4" NPT							N	4	0										
	customer							9	9	9										consult
Seals																				
	FKM							1												
	FFKM	⁵						7												
	customer							9												consult
Pressure port																				
	Stainless steel 1.4404 (316L)							1												
	Copper-Nickel-alloy (CuNi10Fe1Mn)	⁶						K												
	customer							9												consult
Diaphragm																				
	Ceramics Al ₂ O ₃ 96%							2												
	customer							9												consult
Special version																				
	standard										0	0	0							
	oxygen application	⁷									0	0	7							
	customer										9	9	9							consult
Prices EXW Thierstein, excluding package																				

¹ Shielded cable has to be used! Cable versions are delivered with shielded cable.

² female plug is GL-approved

³ cable with integrated air tube for atmospheric pressure reference; different lengths deliverable

⁴ only for P_N ≤ 40 bar possible

⁵ only for P_N ≤ 100 bar possible

⁶ optionally for nominal pressure ranges up to 400 bar and mechanical connections G1/2" DIN 3852, G1/2" EN 837, G1/2" open port,

⁷ G1/4" DIN 3852, G1/4" EN837 in combination with housing in CuNi10Fe1Mn

⁷ oxygen application with FKM seal possible up to 25 bar

 Please visit our website: www.mctram.com