

# PM155S and PM156S

DATA SHEET REVISION

# Input Bias Current – Table I.

## Input Bias Current in Datasheet Rev E

TABLE I. Electrical performance characteristics.

Test	Symbol	Conditions -55°C ≤ TA ≤ +125°C unless otherwise specified	Group A subgroups	Device type	Limits		Unit	
					Min	Max		
Input offset voltage	V <sub>IO</sub>	±V <sub>S</sub> = ±5 V, V <sub>CM</sub> = 0 V	1	All	-2	2	mV	
		±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = ±15 V, 0 V	2,3		-2.5	2.5		
		M,D,P,L,R 1/ 2/	1		-2	2		
Input offset voltage 3/ temperature sensitivity	ΔV <sub>IO</sub> / ΔT	±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = 0 V	1,2,3	All	-10	10	μV/°C	
Input offset current 4/ 5/ 6/	I <sub>IO</sub>	±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = 0 V	1	All	-20	20	pA	
			2,3		-20	20	nA	
			M,D,P,L,R 1/ 2/		1	-0.3	0.3	
Input bias current 4/ 5/ 6/	+I <sub>IB</sub> , -I <sub>IB</sub>	±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = +15 V, t ≤ 25 ms	1	All	-100	3500	pA	
			2		-10	60	nA	
			M,D,P,L,R 1/ 2/		1	-3.0	3.0	nA
			1		-100	300	pA	
			2		-10	60	nA	
			1		-100	100	pA	
			2		-10	50	nA	

FROM:

Parameter	Min/Max
Input Bias Current	-3nA/+3nA

Note: Sheet 5 of 12 under Table I. Electrical performance characteristics.

## Input Bias Current in Datasheet Rev F

TABLE I. Electrical performance characteristics.

Test	Symbol	Conditions -55°C ≤ TA ≤ +125°C unless otherwise specified	Group A subgroups	Device type	Limits		Unit	
					Min	Max		
Input offset voltage	V <sub>IO</sub>	±V <sub>S</sub> = ±5 V, V <sub>CM</sub> = 0 V	1	All	-2	2	mV	
		±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = ±15 V, 0 V	2,3		-2.5	2.5		
		M,D,P,L,R 1/ 2/	1		-2	2		
Input offset voltage 3/ temperature sensitivity	ΔV <sub>IO</sub> / ΔT	±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = 0 V	1,2,3	All	-10	10	μV/°C	
Input offset current 4/ 5/ 6/	I <sub>IO</sub>	±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = 0 V	1	All	-20	20	pA	
			2,3		-20	20	nA	
			M,D,P,L,R 1/ 2/		1	-0.3	0.3	
Input bias current 4/ 5/ 6/	+I <sub>IB</sub> , -I <sub>IB</sub>	±V <sub>S</sub> = ±20 V, V <sub>CM</sub> = +15 V, t ≤ 25 ms	1	All	-100	3500	pA	
			2		-10	60	nA	
			M,D,P,L,R 1/ 2/		1	-5.0	5.0	nA
			1		-100	300	pA	
			2		-10	60	nA	
			1		-100	100	pA	
			2		-10	50	nA	

TO:

Parameter	Min/Max
Input Bias Current	-5nA/+5nA