

MICROLYS Print Head - Main Technical Information

Features	Unit	9 wires series				18 wires series			24 wires	28 wires series		
Series		K1120	K1200	K1300	K2000	K1800	K2830	K1980	K324	K280	K281	K282
Printwire												
Output												
Guides												
Number of wires		7 to 9	7 to 9	7 to 9	7 to 9	18	18	14 to 18	24	28	20	28
Print Wire Diameter	mm [inch]	0,30 [0,012]	0,30 [0,012]	0,30 [0,012]	0,30/0,35 [0,012/0,014]	0,30 [0,012]	0,30/0,35 [0,012/0,014]		0,20/0,25 [0,008/0,010]	0,30 [0,012]	0,30 [0,012]	0,30 [0,012]
Print Wire Frequency	Hertz	up to 1600	up to 2000	up to 1600	up to 2000	up to 2000	up to 2000	up to 1600	up to 2100	up to 1200	up to 1200	up to 1200
Wires-Platen Gap	mm [inch]	up to 0,06 [0,024]	up to 0,06 [0,024]	up to 0,06 [0,024]	up to 0,60 [0,024]	up to 0,60 [0,024]	up to 0,50 [0,020]	up to 0,50 [0,020]	up to 0,50 [0,020]	up to 0,50 [0,020]	up to 0,50 [0,020]	up to 0,50 [0,020]
Copy printability		up to 4 parts	up to 4 parts	up to 4 parts	up to 6 parts	up to 6 parts	up to 6 parts	up to 6 parts	up to 6 parts	up to 4 parts	up to 4 parts	up to 4 parts
Life	Dots per Wire	over 225 Mio	over 225 Mio	over 225 Mio	over 450 Mio	over 450 Mio	over 450 Mio	over 450 Mio	over 300 Mio	over 225 Mio	over 225 Mio	over 225 Mio
Dimensions	mm [inch] ≈											
Weight	grams [oz.]	32 [1.1]	32 [1.1]	32 [1.1]	100 [3.5]	180 [6.3]	180 [6.3]	180 [6.3]	130 [4.6]	270 [9.5]	270 [9.5]	270 [9.5]
Voltage Range	VDC	12 to 36	12 to 36	12 to 36	12 to 48	12 to 48	12 to 48	12 to 36	24 to 40	12 to 38	12 to 38	12 to 38
Nominal Current Range	Amperes	1,0 to 3,0	0,6 to 3,0	1,0 to 3,0	1,0 to 3,0	1,6 to 2,8	2,2 to 2,8	1,6 to 2,8	1,0 to 2,2	1,5 to 2,5	1,5 to 2,5	1,5 to 2,5