

ML34 - 19mm ø ROD STYLE

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STANDARD FEATURES

10 - 250mm STROKE
OUTPUT - 1k, 2k, 3k, 4k, 5k, 10OHM
LINEARITY +/-0.05%
INFINITE RESOLUTION
CONNECTOR - 1Meter (3Pole Cable)
DISPLACEMENT SPEED - 5m/s
MECHANICAL LINKAGE - M5, BALL JOINT, FLANGE
IP60

OPTIONS

IP65

MECHANICAL/ELECTRICAL DATA

MODEL		10	25	50	75	100	125	150	200	250
TOTAL ELECTRICAL TRAVEL	mm	11	26	51	76	101	126	151	201	251
ACTIVE ELECTRICAL TRAVEL	mm	10	25	50	75	100	125	150	200	250
RESISTANCE .20%	k	1	1	2	3	4	5	5	8	10
INDEPENDENT LINEARITY	.%	0.3	0.2	0.1	0.1	0.1	0.05	0.05	0.05	0.05
MECHANICAL TRAVEL	mm	15	30	55	80	105	130	155	205	255
RESOLUTION		Infinite								
RECOMMENDED CURSOR CURRENT	A	<1								
TEMPERATURE RANGE	°C	-30°C to 100°C (-22°F to 212°F)								
DIMENSIONS (A) ML34-S	mm	68.5	83.5	108.5	133.5	158.5	183.5	208.5	258.5	308.5
DIMENSIONS (A) ML34-A	mm	95	110	135	160	185	210	235	285	335
DIMENSIONS (A) ML34-F	mm	68.5	83.5	108.5	133.5	158.5	183.5	208.5	258.5	308.5
DIMENSIONS (B)	mm	32	47	72	97	122	147	172	222	272
DIMENSIONS (C)	mm	148	163	188	213	238	263	288	338	388
NET WEIGHT ML34-S	g	70	90	105	130	160	175	190	215	245
NET WEIGHT ML34-A	g	90	110	125	150	180	195	210	235	260
NET WEIGHT ML34-F	g	80	100	115	140	170	185	200	225	255

ML34 - ORDER CODE

ML34 - X

MOUNTING

S - BRACKETS

A - SELF ALIGNING BALL JOINTS

F - FLANGE

XX(X) - X

Length mm(Inch)

See Table Above

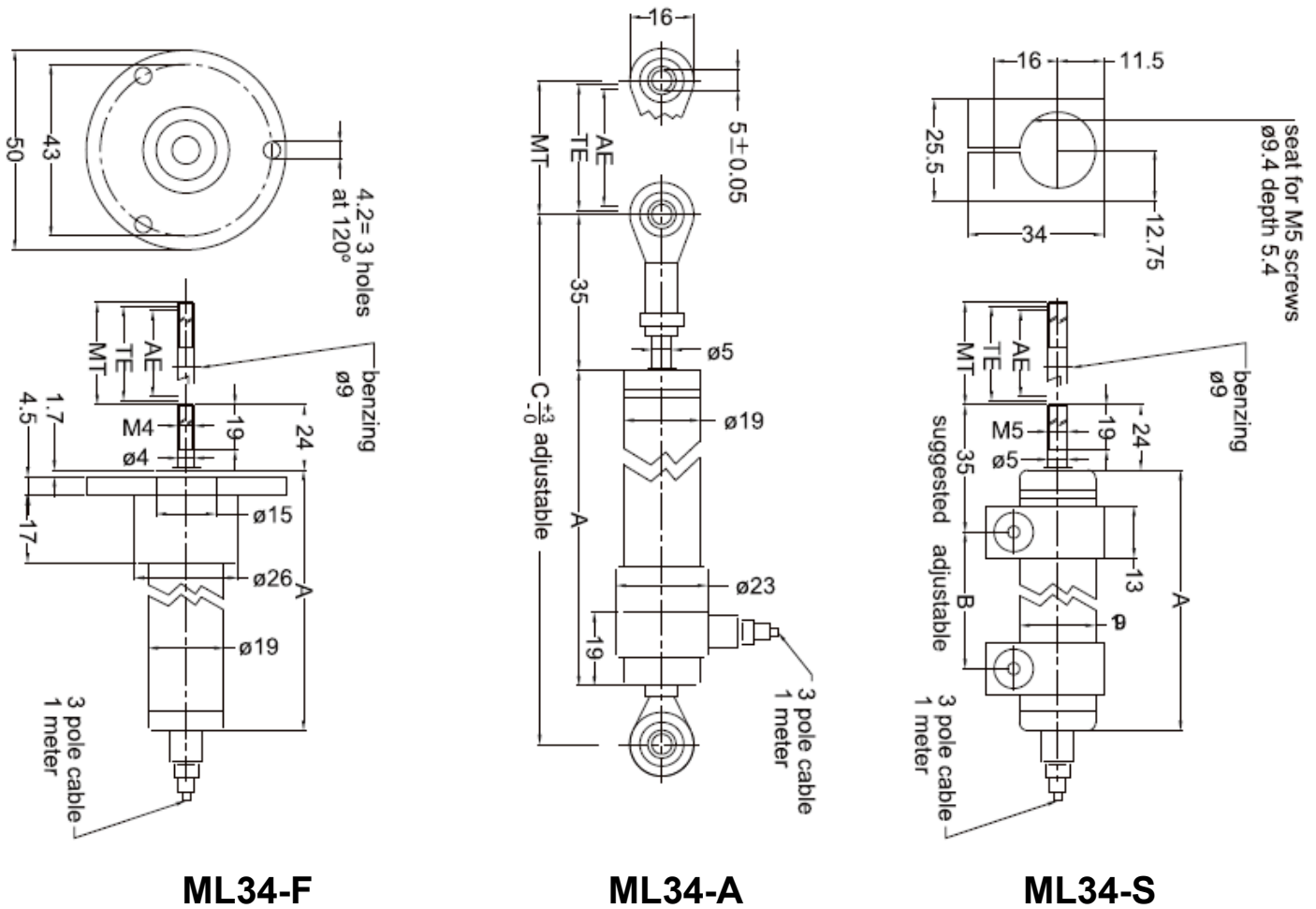
SEAL

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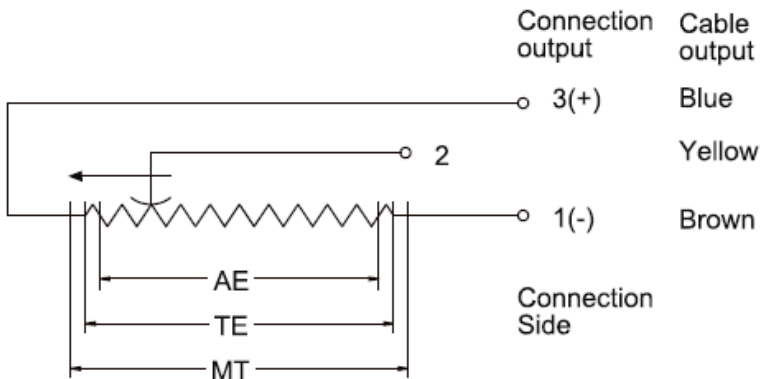
P - IP65

ML34 - 19mm ϕ ROD STYLE

DIMENSIONS



ELECTRICAL CONNECTIONS



SPECIFICATIONS

LINEARITY	0.05%
MAX VOLTAGE	60V
PROTECTION	IP40 (Option - IP65)
INSULATION RESISTANCE	>500V
MAX DISPLACE SPEED	5m/s
LIFE	>100x10 ⁶ Cycles
CASE MATERIAL	Anodized Aluminium, Nylon
CONTROL ROD	Stainless Steel
RESISTANCE ELEMENT	Conductive Plastic
MECH MOUNTING	Variable Length Brackets