

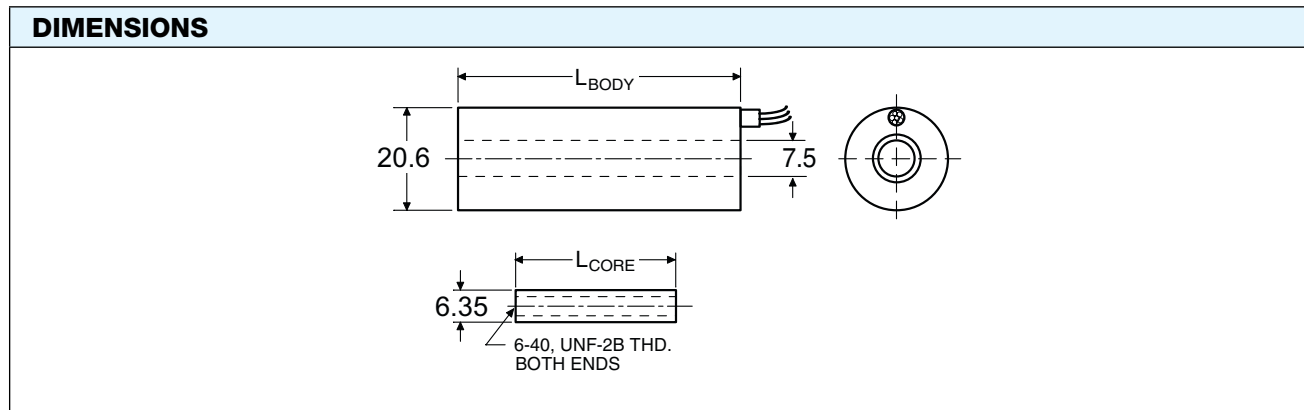
## Displacement Transducer

### FEATURES

- AC-transducers suitable for most general applications
- Large core-to-bore clearance simplifies obtaining friction-less operation
- Non-magnetic tube may be interposed between the coil and core, allowing them to be different mediums
- Magnetic stainless steel housing provides electromagnetic and electrostatic shielding

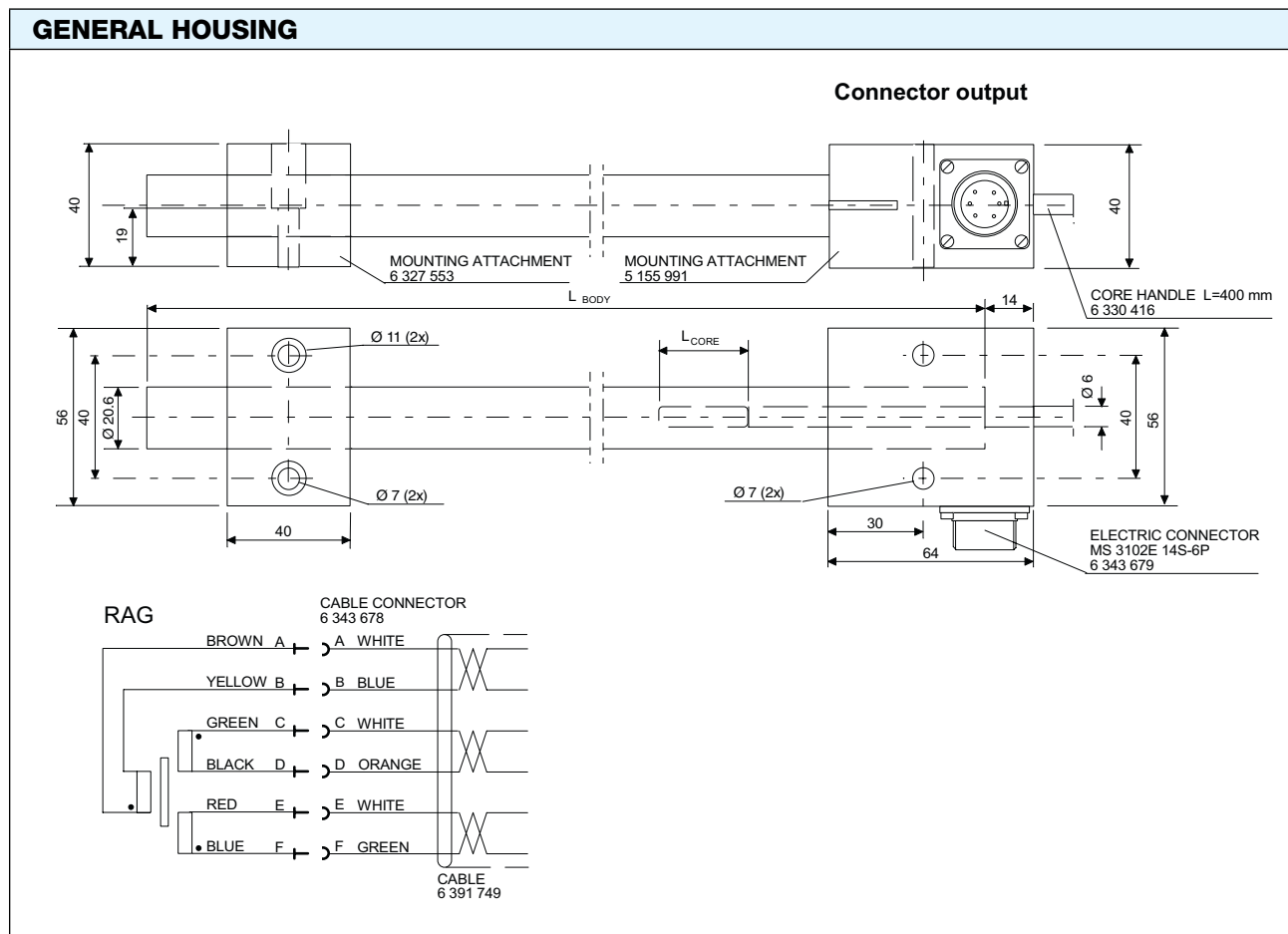


SPECIFICATIONS		SPECIFICATIONS	
PARAMETER	VALUE	PARAMETER	VALUE
Input Voltage	3.0 V <sub>RMS</sub> (nominal)	Null Voltage	<0.5% of FSO
Frequency Range	2.5 to 3.0 kHz	Temperature Range	-55°C to +105°C
Linearity Error	<±0.25% of FRO	Thermal Coefficient of Sensitivity	0.02% C
Repeatability Error	<0.01% of FSO	Vibration Tolerance	20 g to 2 kHz



DENOMINATION	LINEAR RANGE (mm)	DIMENSIONS (mm) $L_{BODY}$	DIMENSIONS (mm) $L_{CORE}$	PRIM. IMP. ( $\Omega$ )	SENSITIVITY (mVN/mm)	ART. NO.
RAG ±1.25/50-M	0-2.5	28.7	20.3	400	255	1 132 326
RAG ±2.5/100-M	0-5	44.5	31.7	1000	155	1 132 327
RAG ±5.0/200-M	0-10	63.5	41.9	1900	95	1 132 328
RAG ±7.5/300-M	0-15	81.8	49.5	780	51	1 132 329
RAG ±12.5/500-M	0-25	127.5	87.6	1400	25	1 132 330
RAG ±25/1000-M	0-50	165.4	87.6	1650	25	1 132 331
RAG ±50/2000-M	0-100	254.5	134.6	1875	15	1 132 332
RAG ±60/2500-M	0-120	282.7	134.6	875	9.2	1 132 333
RAG ±75/3000-M	0-150	323.9	157.5	3300	10	1 132 334
RAG ±100/4000-M	0-200	386.1	157.5	425	7.1	1 132 335
RAG ±125/5000-M	0-250	450.9	157.5	1050	5.1	1 132 337
RAG 250/10000-M	0-500	778.3	241.3	1050	3.1	1 132 338

Displacement Transducer



ACCESSORIES	ART NO
Mounting Attachment	6 327 553
Mounting Attachment with Connector	5 155 991
Core Handle, Length 400 mm	6 330 416
Connection Cable with Connector	110 411
LVDT Signal Conditioner, LVD 3	110 171

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