



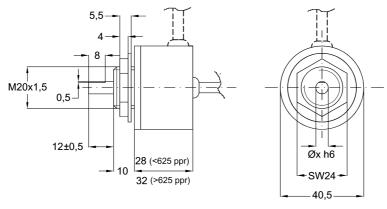
ENVIRONMENTAL SPECIFICATIONS		
Shock:	100 g, 6 ms (acc. to MIL STD 202F)	
Vibrations:	10 g, 5-2000 Hz (acc. to MIL STD 202F)	
Operating temperature range:	-20°C +70°C (-4°F, +158°F)	
Storage temperature range:	-20°C +80°C (-4°F +176°F)	
	(98% R.H.without condensation)	
Protection:	IP54	
Options:	• IP65 Protection (only I41)	
	 IP66 Protection shaft end (only I41) 	

MECHANICAL SPECIFICATIONS		
Dimensions:	see drawing	
Shaft:	Ø 4, 6, 6.35, 8 mm	
Shaft loading (axial and radial):	20 N max.	
Shaft rotational speed:	6000 rpm max.	
Starting torque at 20°C:	≤ 0,3 Ncm (typical)	
Moment of inertia:	~20 gcm²	
Bearings life:	10° rev. min.	
Weight:	~ 0,1 kg (3,5 oz)	

ELECTRICAL SPECIFICATIONS		
STD pulse rate (other PPR upon request):	1-5-8-10-15-20-25-30-32-40-50-60-64-72-84 90-100-125-127-150-176-180-200-250-300-314 320-360-400-500-540-600-625-635-720-900 1000-1021-1024-1080-1200-1250-1500-1600 2000-2500-3000-3600	
Power supply:	+5V±5%, +10V +30V,+5V +30V	
Output circuits:	NPN o.c., PNP o.c., Push-Pull, Line Driver, PP/LD	
Output current (per channel):	40 mA max.	
Output frequency:	50 kHz max.	
Input current:	50 mA max.	
Protection:	against inversion of polarity (except +5V version)	
Optoelectronic life:	100.000 hrs min.	
Option:	• Output frequency up to 100 kHz max.	

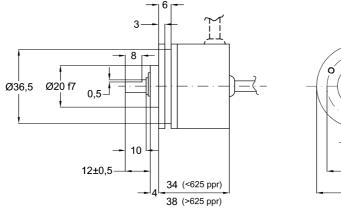
	MATERIALS
Flange:	non corroding
Housing:	fibre glass epoxy resin
Bearings:	ABEC 5
Shaft:	stainless steel, non-magnetic
Light source:	GaAl diodes

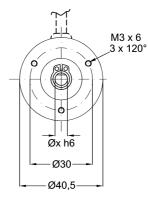
ACCESSORIES		
EDE9S:	9 pin DSub mating connector	
PAN/PGF:	flexible couplings	
LKM-386:	fixing clamps	



Ø4 without flat on shaft

140





Ø4 without flat on shaft

141

ADDITIONAL CODE (indicate only if necessary)

