



ENVIRONMENTAL SPECIFICATIONS

Schock:	100 g, 6 ms (MIL STD 202F)
Vibrations:	10 g, 5-2000 Hz (MIL STD 202F)
Operating temperature range:	-20°C +85°C (-4°F +185°F)
Storage temperature range:	-20°C +85°C (-4°F +185°F) (98% R.H. without condensation)
Protection:	IP65
Option:	• IP67 protection

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Shaft:	Ø 6 mm
Shaft loading (axial and radial):	20 N max.
Shaft rotational speed:	12000 rpm max.
Starting torque at 20°C:	≤ 0,3 Ncm
Moment of inertia:	~ 20 gcm ²
Bearings life:	10 ⁹ rev. min.
Weight:	~ 0,06 kg
Electrical connections:	1 m. cable (3.3 ft)
Accuracy:	± 1°

ELECTRICAL SPECIFICATIONS

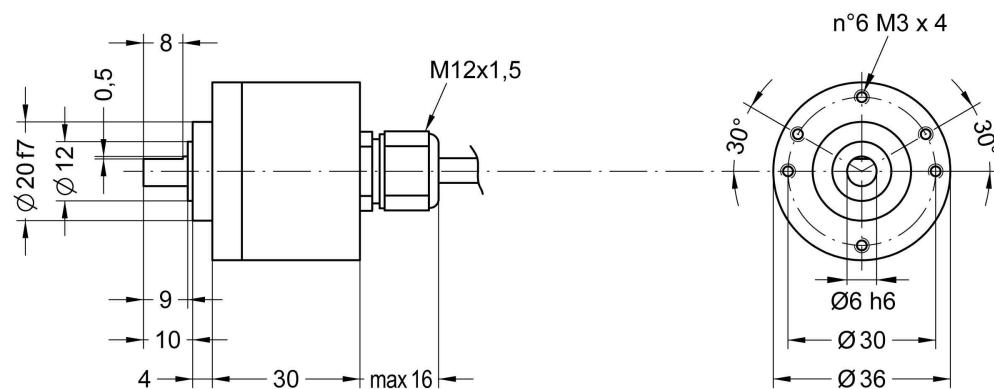
STD pulse rate:	4-8-10-16-20-25-32-40-50-64-80-100-125-128
(other PPR upon request):	200-250-256-400-500-512-1024-2048
Power supply:	5Vdc ±5%, +10Vdc +30Vdc
Output circuits:	NPN, Push-Pull, Line Driver
Output current (per channel):	40 mA max.
Output frequency:	300 kHz max.
Input current:	50 mA max.
Protection:	against inversion of polarity and short-circuit (except 5Vdc version)

MATERIALS

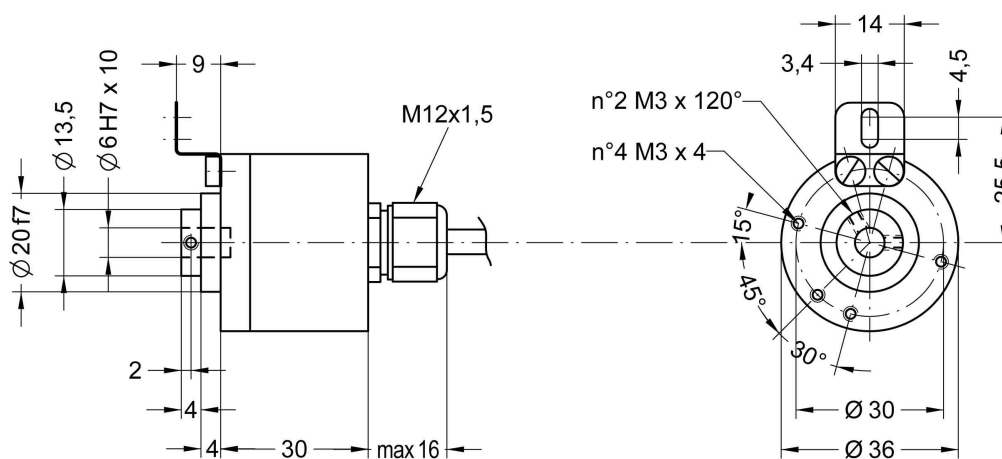
Flange:	non corroding
Housing:	non corroding
Bearings:	ABEC 5
Shaft:	stainless steel, non magnetic

ACCESSORIES

PAN/PGF:	Flexible couplings
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MI36



MC36

ORDERING CODE

ADDITIONAL CODE (indicate only if necessary)

XXXX	-	X	-	XXXX	X	X	X	X	X								
SERIES MI36 - MC36																	
OUTPUT CIRCUITS NPN o.c. N Push-Pull Y Line Driver AD26LS31 L																	
PULSE RATE (PPR) See electrical specifications																	
OUTPUT SIGNALS CONFIGURATION 2-kanalig + Index Z																	
ELECTRICAL CONNECTIONS <table border="1"> <tr> <td>N</td> <td>Normal output</td> <td>F</td> <td>5 wires cable, 1 m. (3.3 ft)</td> </tr> <tr> <td>C</td> <td>Complementary outputs</td> <td>U</td> <td>8 wires cable, 1 m. (3.3 ft)</td> </tr> </table> see notes on page 59-60										N	Normal output	F	5 wires cable, 1 m. (3.3 ft)	C	Complementary outputs	U	8 wires cable, 1 m. (3.3 ft)
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SUPPLY VOLTAGE VS OUTPUT CIRCUIT <table border="1"> <tr> <td>+5Vdc ±5% (L output circuit)</td> <td>1</td> </tr> <tr> <td>+10Vdc ÷ +30Vdc (N, Y output circuit)</td> <td>2</td> </tr> </table>										+5Vdc ±5% (L output circuit)	1	+10Vdc ÷ +30Vdc (N, Y output circuit)	2				
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+10Vdc ÷ +30Vdc (N, Y output circuit)	2																

X	X
ADDITIONAL CODE (indicate only if necessary)	
SHAFT DIAMETER 6 6 mm	
Cable length on request Lx Ex.: L4 = 4 m. (13.2 ft) L7 = 7 m. (23.0 ft)	
IP67 Protection J	