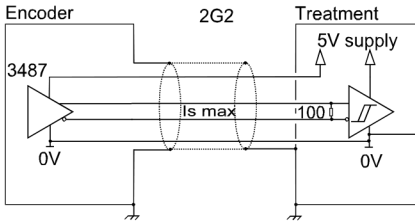


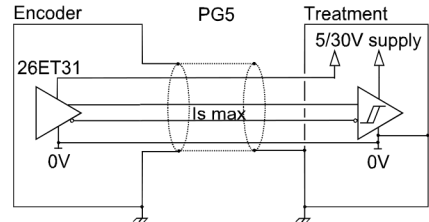
OPTICAL INCREMENTAL ENCODERS, GHM3 RANGE

OUTPUT ELECTRONIC / POWER SUPPLY



2G2 electronic (100kHz)

Supply : 5Vdc ± 10%
 Cons. without load : 100mA max
 Current per channel : 40mA max
 0 max (Is=20mA) : $V_{ol} = 0,5Vdc$
 1 min (Is=20mA) : $V_{oh} = 2,5Vdc$



PG5 electronic(100kHz)

Supply : 5 to 30Vdc
 Cons. without load : 75mA max
 Current per channel : 40mA max
 0 max (Is=20mA) : $V_{ol} = 0,5Vdc$
 1 min (Is=20mA) : $V_{oh} = V_{cc}-3Vdc$

Protection against short circuits and inversion of polarity for the electronic PG5

STANDARD CONNECTION

		-	+	A	B	0	A/	B/	0/	Ground
G3	PVC cable, 8 wires	WH white	BN brown	GN green	YE yellow	GY grey	PK pink	BU blue	RD red	Main shield
GM	M12 connector 8 pinouts	1	2	3	4	5	6	7	8	Connector body

ORDERING REFERENCE (Contact the factory for special versions , ex: special flanges, electronics, connections...)

	Shaft Ø	Available electronics		Signals	Resolution	Connection	Connection orientation
GHM3	06 : 6mm	2G2, PG5		9 : A, A/, B, B/, 0, 0/	1024 max	GM : M12 8 pinouts	A : axial
		Supply	Output stage				
		2 : 5Vdc	G2 : 5Vdc TTL / RS422			G3 : PVC cable 8 wires	Example : D020 : diagonal 2m
P : 5 to 30Vdc	G5 : push-Pull						
Ex: GHM3_	06 //	P	G5	9 //	00250//	G3	D020

Available resolutions : 1000, 500, 360, 300, 256, 200, 125, 100, 60 (other available on request)

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