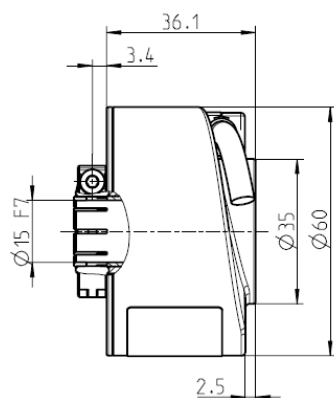


Encoder incrementale ad albero cavo - Hollow shaft incremental encoder
Type DFS-60S-PRO – SIL2 - Functional safety PLd

Model	Alimentazione - Supply	Uscita - Output
DFS-60S-BH0K01024	4,5....30 Vdc	1Vpp

Numero impulsi disponibili – Pulses per rev. Available	1024 SinCos	
Segnali – Signals	2 channels + marker + complementary (A A-, B B-, Z Z-)	
Corrente senza carico – Current without load 5 Vdc	mA	40
Frequenza max. – Max. freq. -	kHz	153
Grado di protezione – Protection deg.	IP	65 con anello di tenuta – with oil seal
Velocità Massima – Max. speed	rpm	6000 rpm
Peso – Weight	kg	0.25
Inerzia – Inertia	gcm ²	40
Massima acc. Angolare – Max. angular acc.	rad / s ²	5 x 10 ⁵
Temperatura di esercizio – Working temperature	°C	-20 ... + 85
Temperatura max – max temperature	°C	+ 85
Resistenza agli urti- Shock (DIN IEC 68 2-27)	g / ms	30 / 11
Vibrazioni max.– vibrations (DIN IEC 68 2-6)	g / Hz	20 / 10 ... 150
Cavo di collegamento – Connection cable	m	1

CONNESSIONI – CONNECTION		
PIN	Signal	cable color
A	Cos+	Bianco – White
B	Z	Viola – Viola
C	Sin+	Rosa – Pink
D	--	--
E	SHIELD	Schermo – shield
F	+...Vdc	Rosso – Red
G	0V...(GND)	Blu – Blue
H	Cos-	Marrone – Brown
I	Z-	Giallo – Yellow
J	Sin-	Nero – Black

