

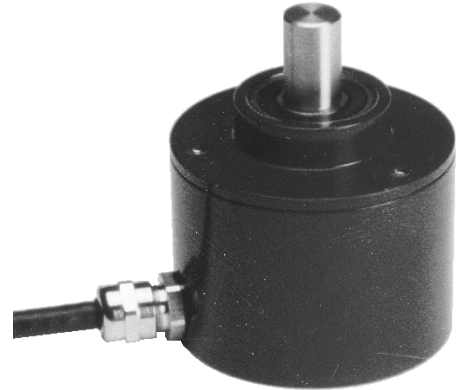
S E R I E S



58DS STAINLESS STEEL

ROTARY INCREMENTAL SHAFT ENCODER

The 58DS Series is a precision yet versatile shaft encoder manufactured in *food industry approved 316 - Stainless Steel* and is sealed to IP66 / IP67 as standard, making it capable of withstanding direct water jet sprays at up to 220psi (15 Bar). However, its small frame size of 58mm together with its wide range of optional flanges provides the user with flexibility where space may be limited.



S P E C I F I C A T I O N S

Body:

Precision Machined
316 - Stainless Steel

Cover:

Precision Machined
316 - Stainless Steel

Shaft:

Stainless Steel

Bearings:

Ballraces

Shaft Sealing:

Dependant on
environment type
(see Ordering Codes)

Protection:

(IP66 / IP67)

Operating Temp:

-20 to +85°C
(depending on model)

Maximum Speed:

3000 RPM
(Higher on request)

Torque:

2.9Ncm (typical)

Inertia:

100gcm² (typical)

Shaft Loading:

Axial = 10N (max)
Radial = 10N (max)

Cable:

Screened, oil and salt water
proof

Impulse Frequency:

Up to 300KHz
(depending on model)

Current Consumption:

60mA
(typical - without load)



