

SIL-TURVAHYVÄKSYTTY PULSSIANTURI

Turva-anturi

SIL
Turvahyväksytty pulssianturi

- SIL3/PLe turvaluokkaan
- Halkaisija 58 tai 90 mm, 6-12 mm akselilla tai 14-30 mm reiällä
- Resoluutio 250-2500 p/k
- A-, B- ja Z-kanavat ja samat invertoituina
- Myös ruostumattomalla teräsrungolla, IP69K



TUOTEKUVAUS

SIL-turvahyväksyttävä pulssiantureita voidaan käyttää kohteissa joissa vaaditaan SIL3/PLe-tason turvahyväksyntää. Valikoimasta löytyy 58 tai 90mm anturit, akseli tai reikämallisena. Koteloituluokka parhaimmillaan IP68/IP69K.

TEKNISET TIEDOT

TIEDOT

Anturin tyyppi	Inkrementtianturi
Kotelon halkaisija	58 mm
Min. akselin halkaisija	6 mm
Max. akselin halkaisija	30 mm
Max. resoluutio	2500 P/R
Liitäntä	Kaapeli, M23-liitin
IP-luokka	IP65
Max. pyörimisnopeus	6000 rpm
Min. syöttöjännite DC	5 V DC
Max. syöttöjännite DC	30 V DC
Min. käyttölämpötila	-20 °C
Max. käyttölämpötila	85 °C
Ulostulo	Push/Pull, RS422, SinCos

Non-safety certified installation

Safety level: 0
Retrofitting Existing Equipment
 Ease of integration: n/a | Low-cost solution: n/a
New design
 Ease of integration: n/a | Low-cost solution: n/a
 n/a not applicable

Modular safety solution

Safety level: up to SIL2, PLc
Retrofitting Existing Equipment
 Ease of integration: *** | Low-cost solution: ***
New design
 Ease of integration: ** | Low-cost solution: **

Built-in safety solution

Safety level: up to SIL2, PLd
Retrofitting Existing Equipment
 Ease of integration: * | Low-cost solution: *
New design
 Ease of integration: *** | Low-cost solution: ***

Redundant safety solution

Safety level: up to SIL2, PLd
Retrofitting Existing Equipment
 Ease of integration: ** | Low-cost solution: **
New design
 Ease of integration: * | Low-cost solution: *

Model	Characteristics	Shaft type	Shaft diameter	Resolution	Max. speed	Termination
DSMSH	58 mm Aluminum PPS		6, 10 mm and 3/8"	250, 256, 360, 500, 512, 1000, 1024, 2048, 2500	6000 RPM	Cable or M23 Connector Axial or Radial
DSMSX	58 mm Stainless steel PPSK		10 mm	250, 256, 360, 500, 512, 1000, 1024, 2048, 2500	3000 RPM	Cable Axial
DSOSH	58 mm Aluminum PPS		14 mm	250, 256, 360, 500, 512, 1000, 1024, 2048, 2500	4000 RPM	Cable or M23 Connector Radial
DSMSH	90 mm Aluminum PPS		11, 12 mm	1024, 2048	6000 RPM	Cable or M23 Connector Axial or Radial
DSMSX	90 mm Stainless steel PPS		11, 12 mm	1024, 2048	6000 RPM	Cable or M23 Connector Axial or Radial
DSUWH	90 mm Aluminum PPS		20, 25, 30 mm and 1"	1024, 2048	3000 RPM	Cable or M23 Connector Radial
DSUXK	90 mm Stainless steel PPS		20, 25, 30 mm and 1"	1024, 2048	1500 RPM	Cable or M23 Connector Radial

Shafted Through shaft

Non-safety certified installation

Safety level: 0
Retrofitting Existing Equipment
 Ease of integration: n/a | Low-cost solution: n/a
New design
 Ease of integration: n/a | Low-cost solution: n/a
 n/a not applicable

Modular safety solution

Safety level: up to SIL2, PLc
Retrofitting Existing Equipment
 Ease of integration: *** | Low-cost solution: ***
New design
 Ease of integration: ** | Low-cost solution: **

Built-in safety solution

Safety level: up to SIL2, PLd
Retrofitting Existing Equipment
 Ease of integration: * | Low-cost solution: *
New design
 Ease of integration: *** | Low-cost solution: ***

Redundant safety solution

Safety level: up to SIL2, PLd
Retrofitting Existing Equipment
 Ease of integration: ** | Low-cost solution: **
New design
 Ease of integration: * | Low-cost solution: *

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DSOSH	58 mm Aluminum PPS		14 mm	250, 256, 360, 500, 512, 1000, 1024, 2048, 2500	4000 RPM	Cable or M23 Connector Radial
DSMSH	90 mm Aluminum PPS		11, 12 mm	1024, 2048	6000 RPM	Cable or M23 Connector Axial or Radial
DSMSX	90 mm Stainless steel PPS		11, 12 mm	1024, 2048	6000 RPM	Cable or M23 Connector Axial or Radial
DSUWH	90 mm Aluminum PPS		20, 25, 30 mm and 1"	1024, 2048	3000 RPM	Cable or M23 Connector Radial
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Shafted Through shaft