



# SWD<sup>®</sup> FULL RANGE

Drives & Wheel Drives with integrated safety



# Drives and Wheel Drives with integrated safety



CANopen  
safety

SWD® Core	
Motor disconnection	STO SIL3/PLe
Motion control	SLS, SDI SIL2/PLd
Braking	SBC SIL2/PLd
Encoder	30 ppr SIL2/PLd
Interface	CANopen Safety®

Speed range (traction)	0 to 130 rpm
Nominal performance	20 Nm at 100 rpm
Maximum rolling speed	130 rpm
Option(s)	Parking brake /B



CANopen  
safety

SWD® 150	
Motor disconnection	STO SIL3/PLe
Motion control	SLS, SDI SIL2/PLd
Braking	SBC SIL2/PLd
Encoder	420 ppr SIL2/PLd
Interface	CANopen Safety®

Diameter	150 mm
Type of Tyre	PU 92 sh.A - Flat profile
Speed range (traction)	0 to 3 km/h
Peak pushing effort	60 daN Moves 1 500 kg
Nominal performance	22 daN at 3 km/h
Maximum rolling speed	4 km/h
Maximum vertical load	700 kg up to 3 km/h
Battery capacity	100 Wh
Option(s)	Parking brake /B



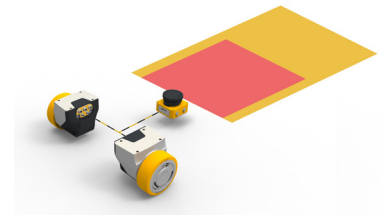
## Applications

- Robots
- Pallet shuttles
- Lifts
- Conveyors

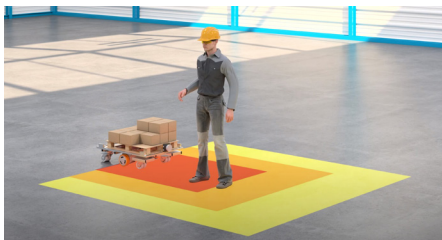
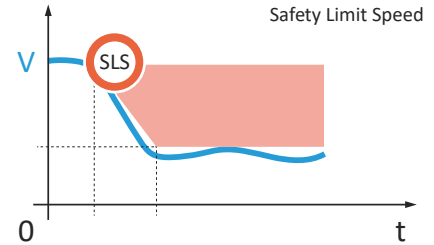
## Applications

- Mobile robotics
- AGVs
- AMRs

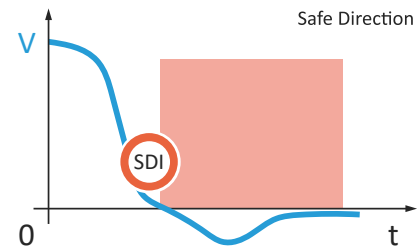
# SWD® Safety modes



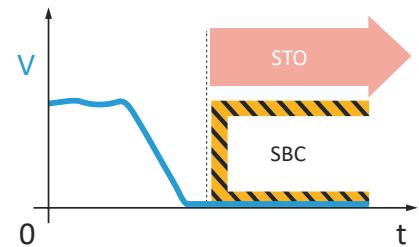
Warning zone  
→ **SLS mode**  
up to SIL2/PLd



Collision risk  
→ **SDI mode**  
up to SIL2/PLd

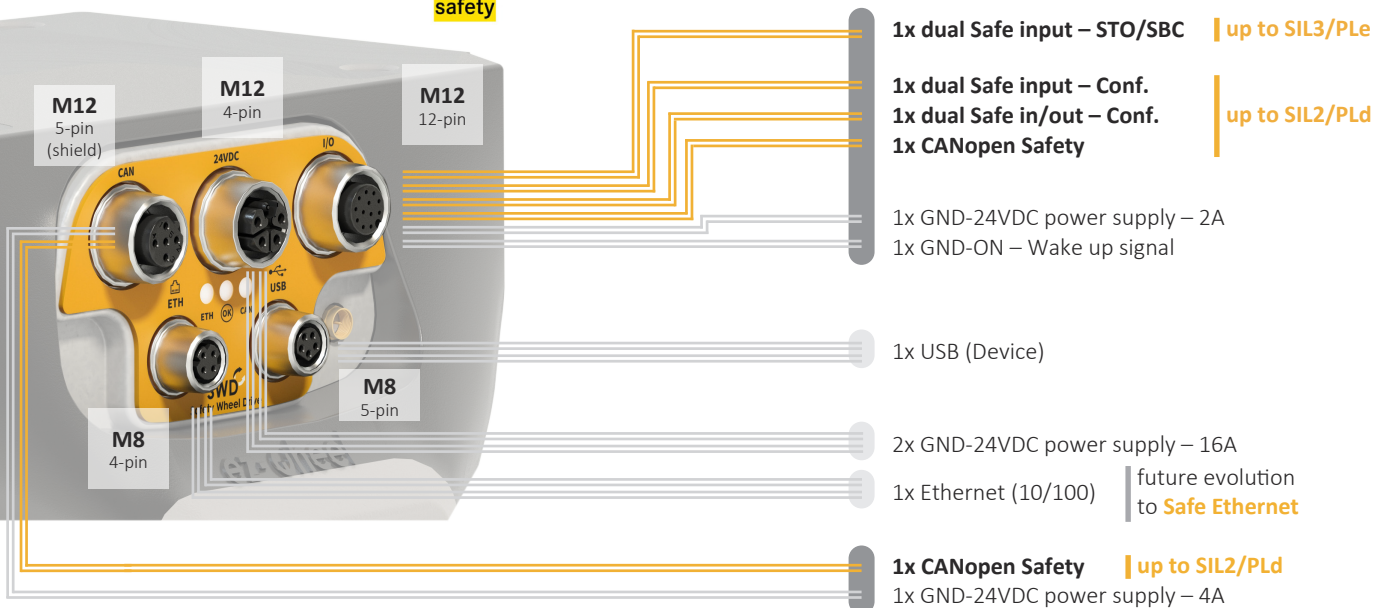


Stop required  
→ **STO/SBC**  
up to SIL3/PLe



# SWD® Interfaces

**CANopen**  
safety



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## INDUSTRY



## AUTOMOTIVE



## LOGISTICS / RETAIL



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