

Radar Systems for Anti-Collision Reliable Approved in different industries Even **less** expensive than many laser systems

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Sensors from the RadarRanger® series: Data, facts, features for use.

Sensors from the RadarRanger® series detect objects at distances of up to 100 m.

The adjustment of the particular range needed is carried out in 1 metre steps. This value corresponds to the resolution of *RadarRanger®*. Depending on the model, the sensors can detect either moving or stationary objects, or both.

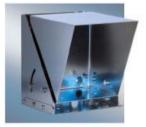
The systems report the detection of objects via open collector outlets, which are allocated to a 5-pole standard RSF4 connection. Each sensor has three of these outlets. These transmit commands to stop and slow down, for example, and other commands for deceleration. In addition, the specific values needed are preprogrammed to suit the intended use.

Collision protection sensors from the *RadarRanger®* series are available with a wide variety of transmission frequencies, and take into account the different national and regional frequency ranges authorised for use throughout the world. They thereby fulfil not only the general international standard but also special requirements in the countries and regions of Great Britain, France, USA, and Canada.

Key features:

- Wide ranges
- Unsusceptible to environmental influences
- Wide operating temperature range
- High degree of protection
- Heavy-duty casing





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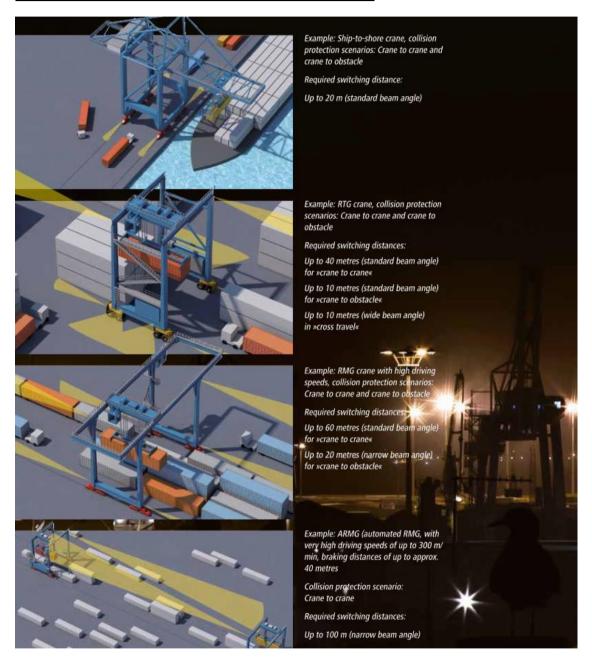


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The programming unit for *RadarRanger®* enables users to adjust the range in accordance with the specific task

Examples for harbour / terminal crane applications:



What do you or your customer need? Crane to Crane or / and Crane to Obstacle or even "cross travel"?

Send us your inquiry and we are sure, we can find a solution!

Email: info@consult-IMPEX.com

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Technology	Fog	Strong sunshine	Heavy rain	Storm	Noisy environment	Heavy snow	High temperatur e	Dust	Reliability	Costs
Infra-Red	×	×	×	\	√	x	√	×	(;)	(i)
Ultra Sonic	×	\	×	×	×	×	×	×	(<u>:</u>)	(i)
Laser	×	×	×		\	×	\	×		
Mechanic al switch	√	√		\	√	√	√			\odot
Active Radar	\	√			√	√	√		\odot	
Passive Radar	√	✓	√	/	/	√	/	√		

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