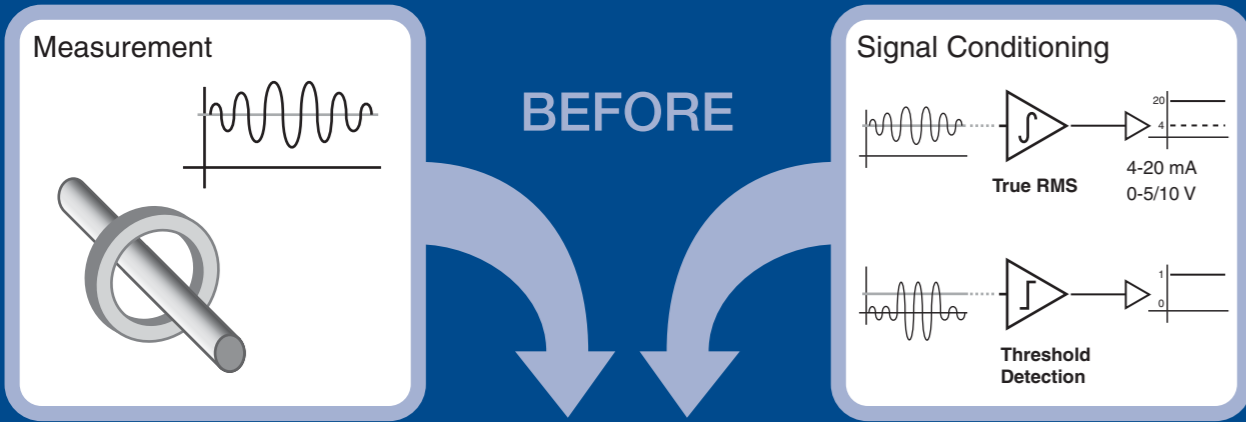


# INTEGRATED TRANSDUCERS



LEM SOLUTION

COMPACT  
VERSATILE

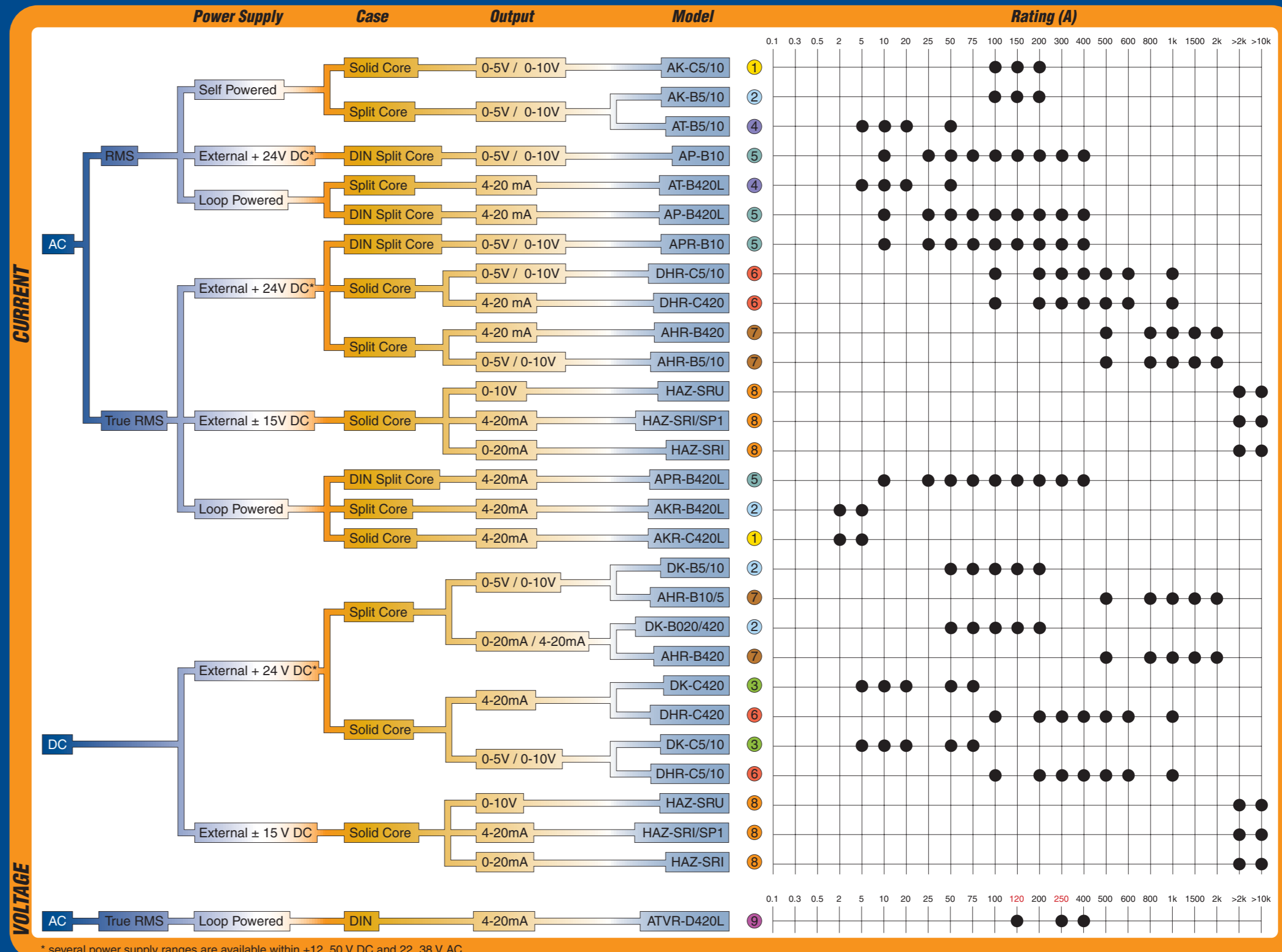


EASY  
INSTALLATION

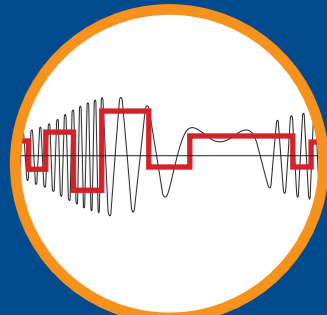
**ANALOG** CONTROL & CONDITION MONITORING

**SWITCH** PROTECTION & SAFETY

SELECT YOUR TRANSDUCER



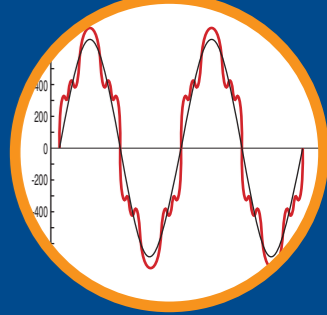
\* several power supply ranges are available within +12...50 V DC and 22...38 V AC



AC and DC current from mA to thousands of Amps



Nominal primary current selectable by jumper



True RMS for distorted waveform or noisy environment












Large diversity of case shapes (busbar, cable, split core, ...)

## TYPICAL APPLICATIONS :

- Automation Systems and Process Control
- Pump Jam & Suction Loss Protection
- Fan and Pump Monitoring
- DC Power Supply and Batteries Monitoring
- Safety Lights Monitoring
- Ground Fault Protection
- Industrial Electrical Heaters Monitoring
- ...



I <sub>PM</sub> (A)	Bandwidth (Hz)	Output Delay Type		Power Supply	Case		Series	Picture
		Solid State	SPDT		Solid Core	Split Core		
1 to 150	50-60	X		Self powered	X		AKS 125 C AKS 125 C-G	
1.5 to 150	50-60	X		Self powered		X	AKS 125 B	
1-6, 6-40, 40-175 (selectable)	50-60	X		Self powered	X		AKS 180 C-G	
1.5-6, 6-40, 40-200 (selectable)	50-60	X		Self powered		X	AKS 180 B	
4-20, 10-50, 20-100 (selectable)	DC-400	X		20-28 V AC/DC	X		DKS 100	
4-20, 10-50, 20-100 (selectable)	DC-400		X	20-28 V AC/DC	X		DKS 100 SDT	
5, 10, 30 mA (selectable)	50-400	X		24 V AC/DC 120-240 V AC	X		AKS 0.03 C	
5, 10, 30 mA (selectable)	50-400		X	24 V AC/DC 120 V AC	X		AKS 0.03 C SDT	
5-950 mA (factory adjusted)	50-400	X	X	24 V AC/DC 120-240 V AC	X		AKS XX C	









## LEM - a global leader in electrical parameters measurement

LEM collaborates with leading suppliers in the automation industry to provide complete solutions for your process control and condition monitoring needs.

LEM's experienced electrical and electronics engineers are ready to advise you on how to utilize electrical parameters measurement to your best advantage.

You can request a printed version of our "Application Guide, Electrical Measurement in Automation Industry" or download it from [www.lem.com](http://www.lem.com).

All LEM products are CE approved and carry a five-year warranty. Most of them are also UL approved.



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LEM is a market leader in providing innovative and high quality solutions for measuring electrical parameters. Its core products - current and voltage transducers - are used in a broad range of applications in industrial, traction, energy, automation and automotive markets.

LEM's strategy is to exploit the intrinsic strengths of its core business, and develop opportunities in new markets with new applications.

LEM is a mid-size, global company with approximately 700 employees worldwide. It has production plants in Geneva (Switzerland), Machida (Japan), Beijing, (China), regional sales offices, and offers a seamless service worldwide.

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## AC and DC Integrated Transducers for Protection, Monitoring and Control Systems



Distributor

