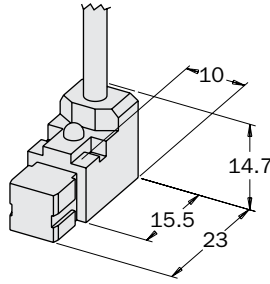
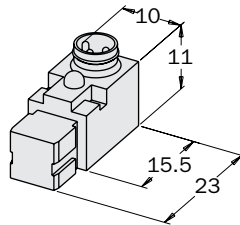


Magnetic sensors for dovetail slots

- Reed or GMR magneto-resistive sensors.
- PNP or NPN logic output for magneto-resistive sensors.
- No problems in case of vibrations.
- Cable or SNAP connector output.
- 100% traceability.
- Application in multiple dovetail-slots using special adapter included in the supply.
- Optional K-CB slot adapters.
- Optional 2.5m, 5m and 10m extensions.
- Axial mounting.



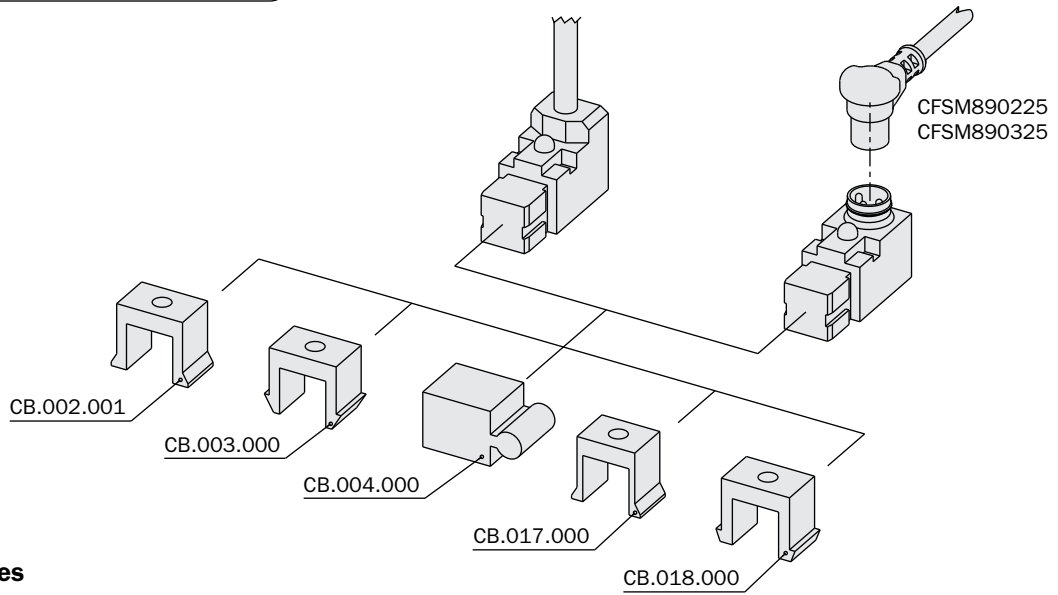
Sensor with cable (1)



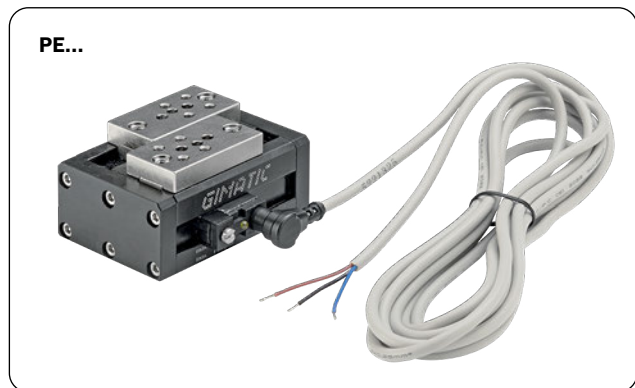
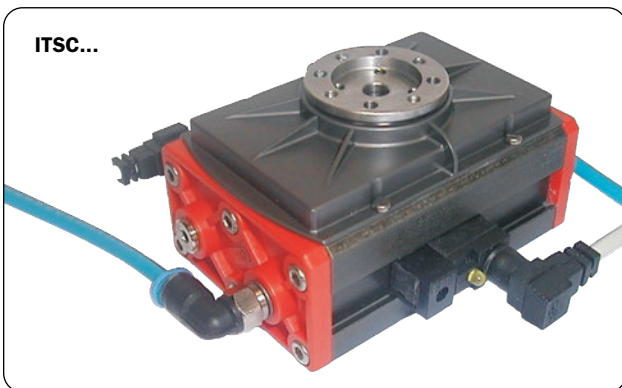
Sensor with SNAP connector (2)

Dimensions (mm)

Fixing with adapter



Application examples



Sensor with cable	CB1C425-G	CB4D225-G	CB4N225-G	CB4M225-G
Sensor with SNAP connector	CB2C4-G	CB3D2-G	CB3N2-G	CB3M2-G
Sensor type	2-wire reed Normally Open	3-wire reed Normally Open	Magnetoresistive PNP Normally Open	Magnetoresistive NPN Normally Open
Power supply	3÷110 Vac/dc	3÷30 Vac/dc	6÷30 Vdc	
Switching current	0.3 A	1 A	0.25 A	
Power rating (Ohmic load)	10 W		6 W	
Nominal switching point	20÷25 AT		15±5 Gauss	
ON-OFF differential	5÷10 AT		4÷7 Gauss	
ON switching time	0.5 ms			
OFF switching time	0.5 ms			
Operating temperature	-10÷70°C			
Switching frequency	500 kHz		200 kHz	
Electric service life	10 ⁷ imp.		10 ⁹ imp.	
Piston speed	10 m/s			
Reverse polarity protection	YES			
Protection rating	IP 67			
Sensor body material	PA + AISI 303			
Standard cable length	2.5 m (flying cable) - SNAP connector			
Sheathing - insulation	PVC CEI 20-22II O.R.			
Leads	0.25 mm ² / AWG 24 / 32 x 0.10 mm ²			
M8 connector material	PA / gold-plated brass			
CE reference standards	CEI EN 60529; CEI EN 60947-5-2; CEI EN 61000-6-2; CEI EN 61000-6-3; CEI EN 55022; CEI EN 61000-4-2; CEI EN 61000-4-3; CEI EN 61000-4-4; CEI EN 61000-4-5; CEI EN 61000-4-6; CEI EN 61000-4-8; CEI EN 61000-4-11			
Wiring diagrams				
Connections				
		Brown (BN +); Blue (BU -); Black (BK OUT)		

Rotary Units

Quick Changer

Profiles and Brackets

Grippers

Linear Actuators

Suspensions

Nippers

Robot Kit

Options

Sensors