

BALOGH



# OF Tag Series

## Industrial Read-Only Tags

### 7 Byte

**Passive Industrial RFID Tags**

**Orange Product Range**

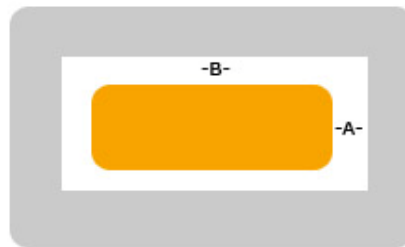


### Common Tag Characteristics

- Read-Only
- No needed power source (Passive Technology)
- -25 °C up to 85 °C Operating Temperature
- Rilsan Housing with Urethane Potting
- IP 65 Case Rating (OF-93 is IP-67)

### Tag Environment

- OF Series tags can be mounted recessed in metal, as long as a metal free clearance on the sides of the tag is observed.
- Please use the chart below to see specific metal clearance tolerances for each GIE Tag.



### Transceiver Compatibility Chart

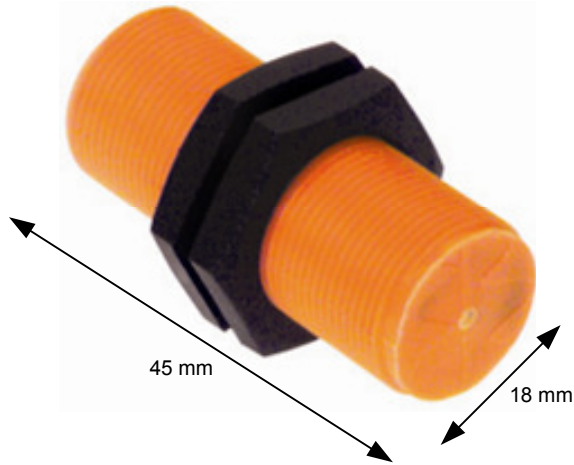
Tag Style	ERA-18	ERA-85	ERA-80	ERO-71	ERO-85	ERO-100	ERO-80	TLEB-891	Memory	Metal Clearance
18	10 mm	--	--	--	--	--	--	--	7 Byte	A and B ≥ 10 mm
56	--	--	32 mm	27 mm	80 mm	80 mm	110 mm	--	7 Byte	A and B ≥ 10 mm
71	--	--	--	20 mm	55 mm	55 mm	80 mm	25 mm	7 Byte	A and B ≥ 10 mm
73	--	--	--	16 mm	45 mm	--	--	--	7 Byte	A and B ≥ 10 mm
83	--	22 mm	26 mm	23 mm	68 mm	68 mm	100 mm	--	7 Byte	A and B ≥ 30 mm
85	--	--	32 mm	27 mm	80 mm	80 mm	110 mm	--	7 Byte	A and B ≥ 10 mm
86	--	--	--	--	60 mm	60 mm	90 mm	--	7 Byte	A and B ≥ 10 mm
93	--	--	26 mm	23 mm	68 mm	68 mm	100 mm	26 mm	7 Byte	A and B ≥ 30 mm

## Distance Between Tags and Other Information

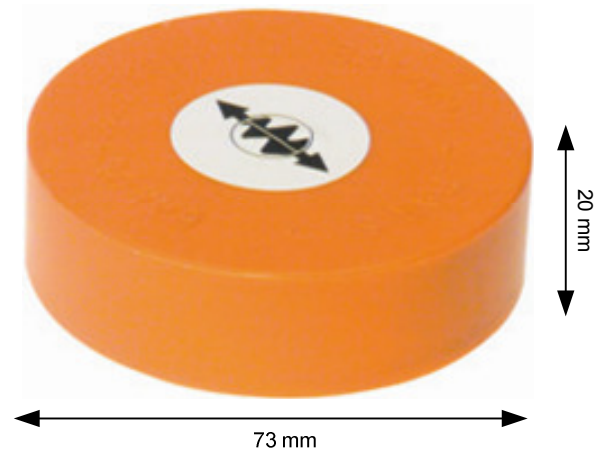
Tag Style	ERA-18	ERA-85	ERA-80	ERO-71	ERO-85	ERO-100	ERO-80	TLEB-891	Weight	
18	36 mm	--	--	--	--	--	--	--	30 g	
56	--	--	600 mm	150 mm	400 mm	400 mm	110 mm	--	120 g	
71	--	--	--	100 mm	300 mm	300 mm	600 mm	170 mm	100 g	
73	--	--	--	72 mm	162 mm	--	--	--	20 g	
83	--	100 mm	100 mm	100 mm	300 mm	300 mm	600 mm	--	65 g	
85	--	--	500 mm	330 mm	330 mm	330 mm	540 mm	--	600 g	
86	--	--	--	--	250 mm	250 mm	300 mm	--	40 g	
93	--	--	500 mm	100 mm	300 mm	300 mm	600 mm	170 mm	80 g	

## OF Tags

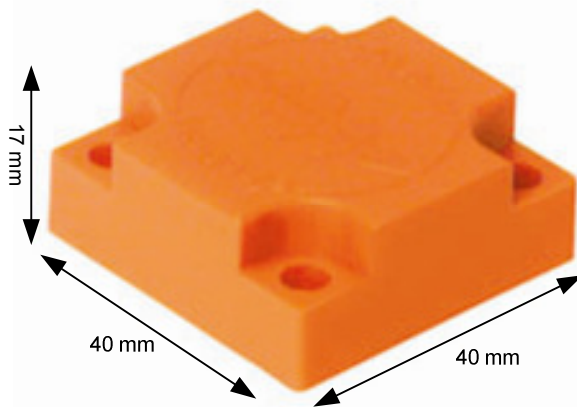
**OF-18**



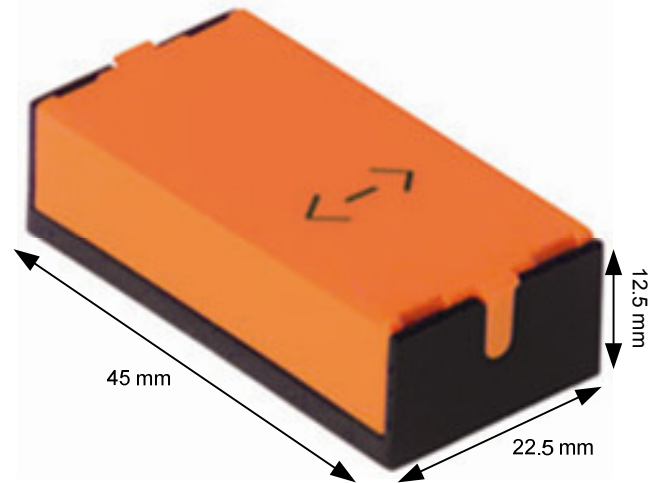
**OF-56**



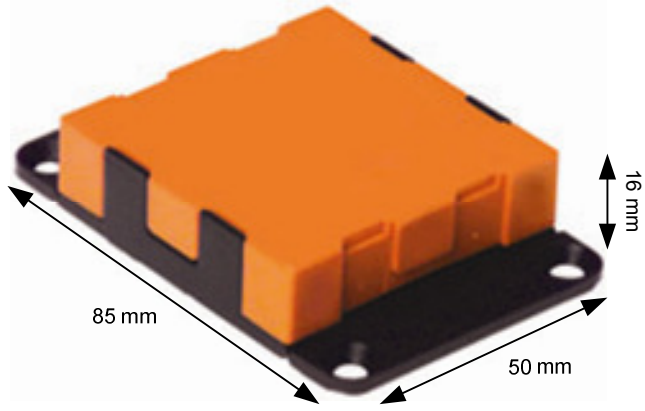
**OF-71**



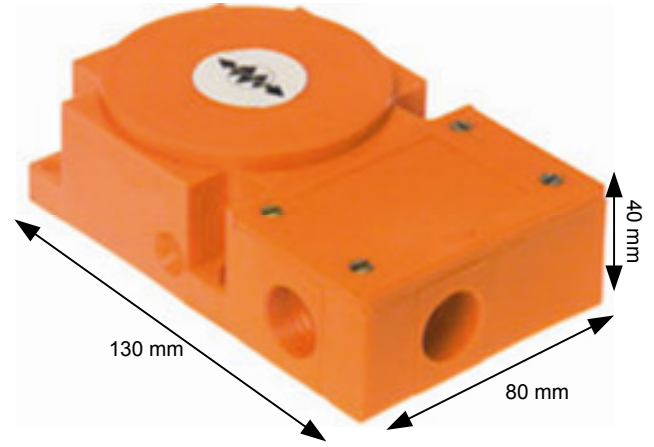
**OF-73**



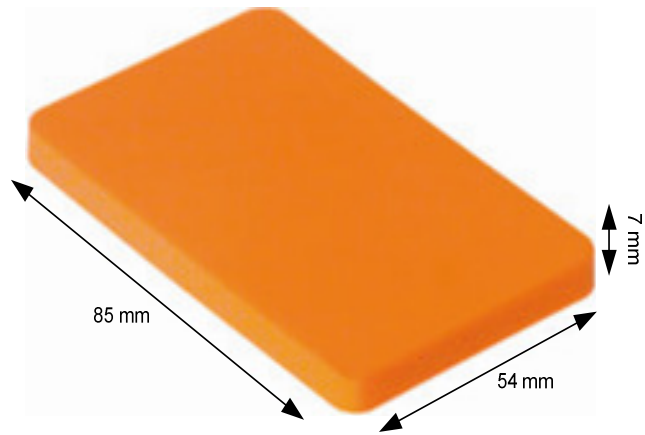
**OF-83**



**OF-85**



**OF-86**



**OF-93 – OFR-931**

