

# Sensor case **apraSens** DT 100 / 120 / 145

- available in 3 sizes and different heights
- housing for measuring / controlling / monitoring (IoT/IIoT)
- can be used indoors and outdoors
- IP 65 (when using the included seal)
- universal application and quick delivery
- large selection of mounting options: rear thread for mounting a DIN rail clip, lugs for screws or cable ties
- special colours and customer-specific processing on request

## Various features can be combined:

- L** = mounting lugs for screws or cable ties
- G** = threaded inserts for DIN rail clip
- B** = hole for PG screw connection PG M10
- D** = with seal for IP 65

## Dimensions (D x W x H):

- 100 x 50 x 30 / 45 mm
- 120 x 65 x 30 / 50 mm
- 145 x 78 x 40 / 60 mm

**Material:** Polycarbonate, fire classified acc. to UL 94 V-0

**Surface:** light grey RAL 7035, anthracite grey RAL 7016



**RAL 7035**  
Enclosure 100/45 LGBD  
Enclosure 20/50 LGBD  
Enclosure 145/60 LGBD



**RAL 7016**  
Enclosure 120/30 GBD



**RAL 7035**  
Enclosure 100/45 LB  
Enclosure 120/50 LB  
Enclosure 145/60 LB

Features "DT 100" series				Enclosure height 30 mm			Enclosure height 45 mm		
Lugs	Threaded inserts	Hole	Seal	Version	<b>RAL 7035</b> Order no.	<b>RAL 7016</b> Order no.	Version	<b>RAL 7035</b> Order no.	<b>RAL 7016</b> Order no.
	•		•	DT 100/30 GD	447-760-00	447-770-00	DT 100/45 GD	447-780-00	447-790-00
	•			DT 100/30 G	447-760-05	447-770-05	DT 100/45 G	447-780-05	447-790-05
			•	DT 100/30 D	447-760-10	447-770-10	DT 100/45 D	447-780-10	447-790-10
				DT 100/30	447-760-15	447-770-15	DT 100/45	447-780-15	447-790-15
	•	•	•	DT 100/30 GBD	447-760-20	447-770-20	DT 100/45 GBD	447-780-20	447-790-20
	•	•		DT 100/30 GB	447-760-25	447-770-25	DT 100/45 GB	447-780-25	447-790-25
		•	•	DT 100/30 BD	447-760-30	447-770-30	DT 100/45 BD	447-780-30	447-790-30
		•		DT 100/30 B	447-760-35	447-770-35	DT 100/45 B	447-780-35	447-790-35
•	•		•	DT 100/30 LGD	447-760-40	447-770-40	DT 100/45 LGD	447-780-40	447-790-40
•	•			DT 100/30 LG	447-760-45	447-770-45	DT 100/45 LG	447-780-45	447-790-45
•			•	DT 100/30 LD	447-760-50	447-770-50	DT 100/45 LD	447-780-50	447-790-50
•				DT 100/30 L	447-760-55	447-770-55	DT 100/45 L	447-780-55	447-790-55
•	•	•	•	DT 100/30 LGBD	447-760-60	447-770-60	DT 100/45 LGBD	447-780-60	447-790-60
•	•	•		DT 100/30 LGB	447-760-65	447-770-65	DT 100/45 LGB	447-780-65	447-790-65
•		•	•	DT 100/30 LBD	447-760-70	447-770-70	DT 100/45 LBD	447-780-70	447-790-70
•		•		DT 100/30 LB	447-760-75	447-770-75	DT 100/45 LB	447-780-75	447-790-75

# Sensor case apraSens DT 100 / 120 / 145

Features "DT 120" series				Enclosure height 30 mm			Enclosure height 50 mm		
Lugs	Threaded inserts	Hole	Seal	Version	RAL 7035 Order no.	RAL 7016 Order no.	Version	RAL 7035 Order no.	RAL 7016 Order no.
	•		•	DT 120/30 GD	447-800-00	447-810-00	DT 120/50 GD	447-820-00	447-830-00
	•			DT 120/30 G	447-800-05	447-810-05	DT 120/50 G	447-820-05	447-830-05
			•	DT 120/30 D	447-800-10	447-810-10	DT 120/50 D	447-820-10	447-830-10
				DT 120/30	447-800-15	447-810-15	DT 120/50	447-820-15	447-830-15
	•	•	•	DT 120/30 GBD	447-800-20	447-810-20	DT 120/50 GBD	447-820-20	447-830-20
	•	•		DT 120/30 GB	447-800-25	447-810-25	DT 120/50 GB	447-820-25	447-830-25
		•	•	DT 120/30 BD	447-800-30	447-810-30	DT 120/50 BD	447-820-30	447-830-30
		•		DT 120/30 B	447-800-35	447-810-35	DT 120/50 B	447-820-35	447-830-35
•	•		•	DT 120/30 LGD	447-800-40	447-810-40	DT 120/50 LGD	447-820-40	447-830-40
•	•			DT 120/30 LG	447-800-45	447-810-45	DT 120/50 LG	447-820-45	447-830-45
•			•	DT 120/30 LD	447-800-50	447-810-50	DT 120/50 LD	447-820-50	447-830-50
•				DT 120/30 L	447-800-55	447-810-55	DT 120/50 L	447-820-55	447-830-55
•	•	•	•	DT 120/30 LGBD	447-800-60	447-810-60	DT 120/50 LGBD	447-820-60	447-830-60
•	•	•		DT 120/30 LGB	447-800-65	447-810-65	DT 120/50 LGB	447-820-65	447-830-65
•		•	•	DT 120/30 LBD	447-800-70	447-810-70	DT 120/50 LBD	447-820-70	447-830-70
•		•		DT 120/30 LB	447-800-75	447-810-75	DT 120/50 LB	447-820-75	447-830-75

Features "DT 145" series				Enclosure height 40 mm			Enclosure height 60 mm		
Lugs	Threaded inserts	Hole	Seal	Version	RAL 7035 Order no.	RAL 7016 Order no.	Version	RAL 7035 Order no.	RAL 7016 Order no.
	•		•	DT 145/40 GD	447-840-00	447-850-00	DT 145/60 GD	447-860-00	447-870-00
	•			DT 145/40 G	447-840-05	447-850-05	DT 145/60 G	447-860-05	447-870-05
			•	DT 145/40 D	447-840-10	447-850-10	DT 145/60 D	447-860-10	447-870-10
				DT 145/40	447-840-15	447-850-15	DT 145/60	447-860-15	447-870-15
	•	•	•	DT 145/40 GBD	447-840-20	447-850-20	DT 145/60 GBD	447-860-20	447-870-20
	•	•		DT 145/40 GB	447-840-25	447-850-25	DT 145/60 GB	447-860-25	447-870-25
		•	•	DT 145/40 BD	447-840-30	447-850-30	DT 145/60 BD	447-860-30	447-870-30
		•		DT 145/40 B	447-840-35	447-850-35	DT 145/60 B	447-860-35	447-870-35
•	•		•	DT 145/40 LGD	447-840-40	447-850-40	DT 145/60 LGD	447-860-40	447-870-40
•	•			DT 145/40 LG	447-840-45	447-850-45	DT 145/60 LG	447-860-45	447-870-45
•			•	DT 145/40 LD	447-840-50	447-850-50	DT 145/60 LD	447-860-50	447-870-50
•				DT 145/40 L	447-840-55	447-850-55	DT 145/60 L	447-860-55	447-870-55
•	•	•	•	DT 145/40 LGBD	447-840-60	447-850-60	DT 145/60 LGBD	447-860-60	447-870-60
•	•	•		DT 145/40 LGB	447-840-65	447-850-65	DT 145/60 LGB	447-860-65	447-870-65
•		•	•	DT 145/40 LBD	447-840-70	447-850-70	DT 145/60 LBD	447-860-70	447-870-70
•		•		DT 145/40 LB	447-840-75	447-850-75	DT 145/60 LB	447-860-75	447-870-75

## Accessories

### Top-hat rail clamp 18 mm

- with through hole:  
Order no. 442-311-30
- with countersink M3:  
Order no. 442-311-45



### Pressure compensation diaphragm

Order no. 447-800-06



### Cable gland set

- 1 Cable gland M8x1
  - 2 Gasket PG gland
  - 3 Lock nut M8x1
- Order no. 447-800-04

