



□ = resistance value linear and part number  $\hat{=}$

1 = 0.5 kOhm, with centre tap	2 x 0.5 kOhm
2 = 1.0 kOhm, with centre tap	2 x 1.0 kOhm
3 = 2.0 kOhm, with centre tap	2 x 2.0 kOhm
4 = 5.0 kOhm, with centre tap	2 x 5.0 kOhm
5 = 10.0 kOhm, with centre tap	2 x 10.0 kOhm

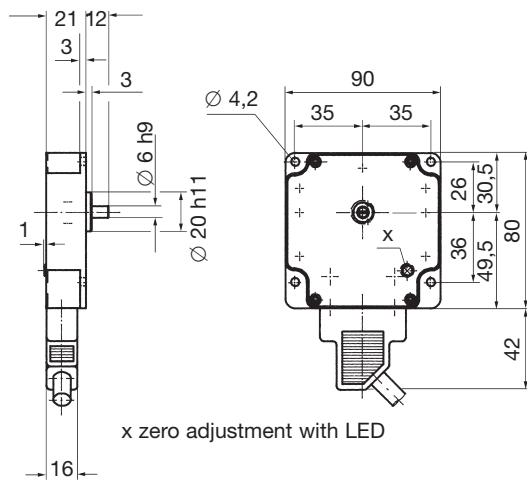
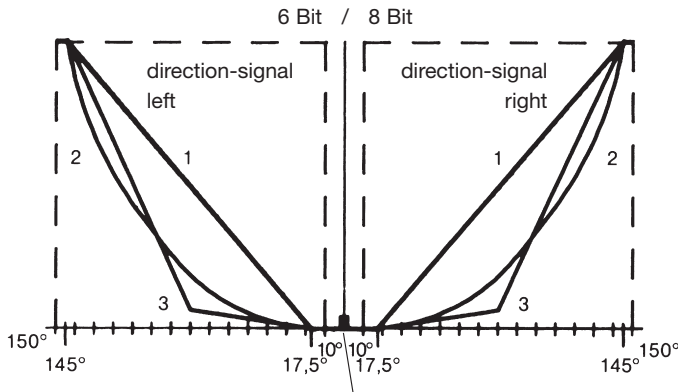
Pos.	for mounting on: V 6 / D 64 / V 11 / S 2 / S 6 / N 6	Part No. 5240...	Type- expansion	Weight gramm	Type	Price EURO
1	Wire-wound potentiometer linear life 10 <sup>7</sup> switching cycles 1,5 Watt max. wiper current 10 mA	...00100 □	T 129	60	P01 □	
2	Wire-wound potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles 1,5 Watt max. wiper current 10 mA	...00200 □	T 130	60	P02 □	
3	Wire-wound potentiometer linear life 10 <sup>7</sup> switching cycles 2,5 Watt max. wiper current 10 mA	...00300 k	T 131	70	P03 □	
4	like T 131 but with oil-filling protection for corrossion	...00400 □	T 131-Oel	80	P04 □	
5	Wire-wound potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles 2,5 Watt max. wiper current 10 mA	...00500 □	T 132	70	P05 □	
6	like T 132 but with oil-filling protection for corrossion	...00600 □	T 132-Oel	80	P06 □	
7	Wire-wound potentiometer characteristic progressive with centre tap life 10 <sup>7</sup> switching cycles 1,5 Watt max. wiper current 10 mA	...00700 □	T 178	70	P07 □	
8	Wire-wound potentiometer linear with centre tap life 5 x 10 <sup>8</sup> switching cycles 1 Watt max. wiper current 10 mA	...00800 □	T 238	20	P08 □	
9	Wire-wound potentiometer linear life 5 x 10 <sup>8</sup> switching cycles 1 Watt max. wiper current 10 mA	...00900 □	T 237	20	P09 □	
10	Wire-wound potentiometer linear with centre tap life 10 <sup>8</sup> switching cycles 60 Watt	...01000 □	T 133	150	P10 □	
11	Wire-wound potentiometer linear life 10 <sup>8</sup> switching cycles 60 Watt	...01100 □	T 134	150	P11 □	
12	Conductive-plastic potentiometer linear life 10 <sup>7</sup> switching cycles 0,5 Watt max. wiper current 1 mA	...01200 □	T 374	20	P12 □	
13	Conductive-plastic potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles 0,5 Watt max. wiper current 1 mA	...01300 □	T 396	20	P13 □	
14						
15						
16						
	<b>for mounting on: V 8 / D 8 / P 10 / P 12</b>					
17	Wire-wound potentiometer linear with centre tap life 5 x 10 <sup>8</sup> switching cycles 1 Watt max. wiper current 10 mA	...01700 □	T 239	20	P17 □	
18	Conductive-plastic potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles 0,5 Watt max. wiper current 1 mA	...01800 □	T 301	20	P18 □	
19	Conductive-plastic potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles; 3 conductive-plastic contact way arrangement MSP 21-0 (catalog 5/001) 0,5 Watt max. wiper current 1 mA	...01900 □	T 426	25	P19 □	
20	Conductive-plastic potentiometer double linear with centre tap life 10 <sup>7</sup> switching cycles; 0,5 Watt max. wiper current 1 mA	...02000 □	T 432	25	P20 □	
21	Conductive-plastic potentiometer with centre tap life 10 <sup>7</sup> switching cycles	...02100 □	T 246	20	P21 □	
22	Conductive-plastic potentiometer with centre tap life 10 <sup>7</sup> switching cycles	...02200 □	T 362	20	P22 □	
23						
	<b>for mounting on: V 10 / S 1</b>					
24	Wire-wound potentiometer linear with centre tap life 5 x 10 <sup>8</sup> switching cycles 1 Watt max. wiper current 10 mA	...02400 □	T 321	20	P24 □	
25	Conductive-plastic potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles 0,5 Watt max. wiper current 1 mA	...02500 □	T 320	20	P25 □	
26	Conductive-plastic potentiometer linear life 10 <sup>7</sup> switching cycles 0,5 Watt max. wiper current 1 mA	...02600 □	T 337	20	P26 □	
27	Conductive-plastic potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles; 2 conductive-plastic contact way arrangement MSP 21 (catalog 5/001) 0,5 Watt max. wiper current 1 mA	...02700 □	T 430	25	P27 □	
28	Conductive-plastic potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles 0,5 Watt max. wiper current 1 mA	...02800 □	T 375	20	P37 □	
29						
30					P31 □	
	<b>for mounting on: V 11</b>					
31	Wire-wound potentiometer linear with centre tap life 5 x 10 <sup>8</sup> switching cycles 1 Watt max. wiper current 10 mA	...03100 □		20		
		...03200 □	T 316	20	P32 □	
32	Conductive-plastic potentiometer linear with centre tap life 10 <sup>7</sup> switching cycles 0,5 Watt max. wiper current 1 mA		T 365		P99 □	
40	Special potentiometer	...04100				
41	Prepared for mounting potentiometer adjusting-angle switching device $\hat{=}$ potentiometer	...04200				
42	Prepared for mounting potentiometer adjusting-angle variable					



Pos.	for mounting on: V 6 / D 64 / V 11 / S 2 / S 6 / N 6		Type-expansion	Weight gramm	Type	Price EURO
10	Opto-electronic encoder	8 Bit Gray-Code T 359	OEC 2-1-1	410	C01	
11		8 Bit Binary-Code T 359	OEC 2-2-1	410	C02	
12		6 Bit Gray-Code T 359	OEC 2-3-□	410	C03□	
13		6 Bit Binary-Code T 359	OEC 2-4-□	410	C04□	
14		9 Bit Gray-Code T 384	OEC 2-5-□	410	C05□	
15		9 Bit Binary-Code T 384	OEC 2-6-□	410	C06□	
16						
17						
18						
19						

- = Output characteristic
- 1 = Linear
- 2 = Quadratic
- 3 = Progressive
- 4 = Linear one sided right turn
- 5 = Linear one sided left turn

**Technical data**  
 Power supply 18-30 V DC  
 Output PNP 24 V DC 10 mA  
 Scanning Gray-Code  
 Rotation angle max. ± 150° (360°)



40	Cable Llycy 14 x 0,25 mm <sup>2</sup> 2000 mm long wired on connector DA 15 with end splice					
41	Prepared for mounting encoder adjusting-angle switching-gear $\triangle$ encoder				(C)	
42	Prepared for mounting encoder adjusting-angle variable.				(C)	
43	Additional price per metre cable Llycy 14 x 0,25 mm <sup>2</sup>					



Pos.	for mounting on: V 6 / D 64 / V 11 / S 2 / S 6 / N 6	Type-expansion	Weight gramm	Type	Price EURO
1	Opto-electronic encoder T 366 Output voltage impressed 0 – 10 Volt	OEC 2-3-□-1		C11□	
2					
3					
4					
	<p>□ = Output characteristic 1 = Linear 2 = Quadratic 3 = Progressive</p> <p><b>Technical data</b> Power supply 18-30 V DC Output 0–10 V (+5 mA) Scanning 6 bit Gray-Code Rotation angle max. ± 150°</p>				
5	Opto-electronic encoder T 367 Output voltage impressed ± 10 Volt	OEC 2-3-□-2		C15□	
6					
7					
8					
	<p>□ = Output characteristic 1 = Linear 2 = Quadratic 3 = Progressive</p> <p><b>Technical data</b> Power supply 18-30 V DC Output ±10 V (±5 mA) Scanning 6 bit Gray-Code Rotation angle max. ± 150°</p>				
40	Cable Llycy 14 x 0,25 mm <sup>2</sup> 2000 mm long wired on connector DA 15 with end splice				
41	Prepared for mounting encoder adjusting-angle switching-gear $\Delta$ encoder			(C)	
42	Prepared for mounting encoder adjusting-angle variable			(C)	
43	Additional price per metre cable Llycy 14 x 0,25 mm <sup>2</sup>				



Pos.	for mounting on: V 6 / D 64 / V 11 / S 2 / S 6 / N 6	Type-expansion	Weight gramm	Type	Price EURO
1	Opto-electronic encoder Output power impressed 4 – 20 mA T 368	OEC 2-3-□-5	410	C19□	
2	Opto-electronic encoder Output power impressed 0 – 20 mA T 368	OEC 2-3-□-8	410	C20□	
3					
4					
	<p>□ = Output characteristic 1 = Linear 2 = Quadratic 3 = Progressive</p> <p><b>Technical data</b> Power supply 18-30 V DC Output 4/0–20 mA Scanning 6 bit Gray-Code Rotation angle max. ± 150°</p>				
5	Opto-electronic encoder T 369 Output power impressed ± 20 mA	OEC 2-3-□-6	410	C23□	
6					
7					
8					
	<p>□ = Output characteristic 1 = Linear 2 = Quadratic 3 = Progressive</p> <p><b>Technical data</b> Power supply 18-30 V DC Output ±20 mA Scanning 6 bit Gray-Code Rotation angle max. ± 150°</p>				
40	Cable Llcy 14 x 0,25 mm² 2000 mm long wired on connector DA 15 with end splice				
41	Prepared for mounting encoder adjusting-angle switching-gear $\hat{\Delta}$ encoder			(C)	
42	Prepared for mounting encoder adjusting-angle variable.			(C)	
43	Additional price per metre cable Llcy 14 x 0,25 mm²				



Pos.	for mounting on: V 6 / D 64 / V 11 / S 2 / S 6 / N 6	Type-expansion	Weight gramm	Type	Price EURO
1	Opto-electronic encoder	8 Bit Gray-Code T 496	820	C27	
2		8 Bit Binary-Code T 496	820	C28	
3		6 Bit Gray-Code T 496	820	C29□	
4		6 Bit Binary-Code T 496	820	C30□	
5		9 Bit Gray-Code T 497	820	C31□	
6		9 Bit Binary-Code T 497	820	C32□	

**Technical data**

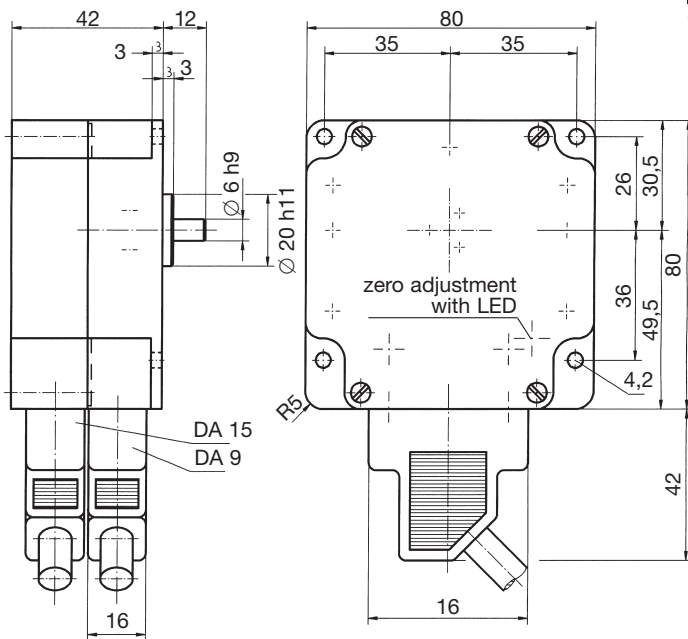
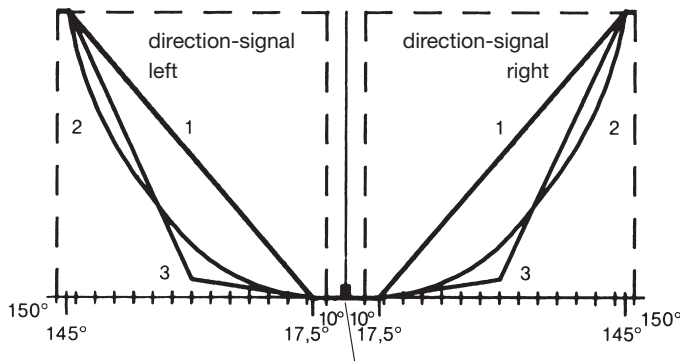
Power supply 18-30 V DC, Output 6, 8 or 9 Bit, Scanning Gray-Code  
Communication Profibus DP (DIN 19245 Part 3)  
Ident.-No. 045 CH address 0-99 adjustable above selector-switch  
Rotation angle max. ± 150° (360°), with connection for OEC 2  
see catalog 1/241

□ = Output characteristic

- 1 = Linear
- 2 = Quadratic
- 3 = Progressive
- 4 = Linear one sided right turn
- 5 = Linear one sided left turn

for 1 axis-controller 1 PC.OEC4... is required

for 2 axis-controller 1 PC.OEC4... and 1PC.OEC2... see catalog 1/241 are required



38	Profibus-cable FDPL2/F/P 1x 2 x 0,64mm <sup>2</sup> 2000mm long wired on 2 connectors DE9				
39	Cable (power supply) for 1 axis-controller Llycy 2 x 0,25mm <sup>2</sup> 2000mm long wired on connector DA15 with end splice				
40	Cable for 2 axis-controller Llycy 16 x 0,25mm <sup>2</sup> x 450mm lang wired on 2 connectors DA15 for OEC4/OEC2 with cable (power supply) 2 x 0,25mm <sup>2</sup> 2000mm long wired with end splice				
41	Prepared for mounting encoder adjusting-angle switching-gear $\Delta$ encoder				
42	Prepared for mounting encoder adjusting-angle variable				(C)
43	Additional price per metre cable Llycy 14 x 0,25 mm <sup>2</sup>				(C)
44	Additional price per metre Profibus-cable FDPL2/F/P 1 x 2 x 0,64mm <sup>2</sup>				



Pos.	for mounting on: V 6 / V 11 / D 64 / S 2 / S 6 / N 6	Type-expansion	Weight gramm	Type	Price EURO
2	Inductive transducer IG 1 T 440		850	I	
	<p><b>Technical data</b>            Mechanical life <math>2 \times 10^7</math> switching cycles            Input voltage AC 110 V, 50 Hz            Output voltage AC 74 V, 50 Hz            Transfer power max. 3 VA            Rotation angle, max. <math>\pm 90^\circ</math></p>				
3	Inductive transducer IG 1 with matching electronic Ey / 55 $\pm 10$ V DC T 434			I	
20	Transformer with capacitor 4 mF for connection 220 V 50 Hz	MTD			
41	Prepared for mounting transducer adjusting-angle switching-gear $\hat{=}$ transducer			(I)	
42	Prepared for mounting transducer adjusting-angle variable.			(I)	